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IDCG Announcement #2011-0005

International Derivatives Clearinghouse Initial Margin Report

May 6, 2011

To: All Clearing Participants
 From: Market Operations
 Subject: Indicative Margin Levels as of May 6,2011
 Contract Size: 1
 Notional Value Per Contract: 100,000
 Currency: USD

| Product Type | Initial Margin Risk Bucket | Current Initial Margin | Previous Initial Margin | Change |
|--------------|----------------------------|-------------------------|-------------------------|--------|
| | | Levels (06-May-2011) | Levels (08-Apr-2011) | |
| | | USD | USD | USD |
| IRSU | USD_IRS_3M_FUT_30Y | 8,600 | 8,600 | 0 |
| IRSU | USD_IRS_3M_FUT_25Y | 7,700 | 7,700 | 0 |
| IRSU | USD_IRS_3M_FUT_20Y | 6,300 | 6,300 | 0 |
| IRSU | USD_IRS_3M_FUT_15Y | 5,500 | 5,500 | 0 |
| IRSU | USD_IRS_3M_FUT_10Y | 4,400 | 4,400 | 0 |
| IRSU | USD_IRS_3M_FUT_09Y | 4,000 | 4,000 | 0 |
| IRSU | USD_IRS_3M_FUT_08Y | 3,800 | 3,800 | 0 |
| IRSU | USD_IRS_3M_FUT_07Y | 3,300 | 3,300 | 0 |
| IRSU | USD_IRS_3M_FUT_06Y | 2,900 | 2,900 | 0 |
| IRSU | USD_IRS_3M_FUT_05Y | 2,300 | 2,300 | 0 |
| IRSU | USD_IRS_3M_FUT_04Y | 1,800 | 1,800 | 0 |
| IRSU | USD_IRS_3M_FUT_03Y | 1,200 | 1,200 | 0 |
| IRSU | USD_IRS_3M_FUT_02Y | 700 | 700 | 0 |
| IRSU | USD_IRS_3M_FUT_01Y | 700 | 700 | 0 |
| FRA3M | USD_FRA_3M_FUT_24M | 200 | 200 | 0 |
| FRA3M | USD_FRA_3M_FUT_18M | 200 | 200 | 0 |
| FRA3M | USD_FRA_3M_FUT_12M | 150 | 150 | 0 |
| FRA3M | USD_FRA_3M_FUT_06M | 150 | 150 | 0 |
| IRS1M | USD_IRS_1M_FUT_30Y | 8,600 | 8,600 | 0 |
| IRS1M | USD_IRS_1M_FUT_25Y | 7,700 | 7,700 | 0 |
| IRS1M | USD_IRS_1M_FUT_20Y | 6,300 | 6,300 | 0 |
| IRS1M | USD_IRS_1M_FUT_15Y | 5,500 | 5,500 | 0 |
| IRS1M | USD_IRS_1M_FUT_10Y | 4,400 | 4,400 | 0 |
| IRS1M | USD_IRS_1M_FUT_09Y | 4,000 | 4,000 | 0 |
| IRS1M | USD_IRS_1M_FUT_08Y | 3,800 | 3,800 | 0 |
| IRS1M | USD_IRS_1M_FUT_07Y | 3,300 | 3,300 | 0 |
| IRS1M | USD_IRS_1M_FUT_06Y | 2,900 | 2,900 | 0 |
| IRS1M | USD_IRS_1M_FUT_05Y | 2,300 | 2,300 | 0 |
| IRS1M | USD_IRS_1M_FUT_04Y | 1,800 | 1,800 | 0 |
| IRS1M | USD_IRS_1M_FUT_03Y | 1,200 | 1,200 | 0 |
| IRS1M | USD_IRS_1M_FUT_02Y | 600 | 600 | 0 |

Note: All Off-The-Run futures contracts will be margined at the next highest maturity bucket until rolled into the next lowest spot maturity bucket

| Product Type | Initial Margin Risk Bucket | Current Initial Margin Levels (06-May-2011) | Previous Initial Margin Levels (08-Apr-2011) | Change |
|--------------|----------------------------|--|---|--------|
| | | USD | USD | USD |
| IRS1M | USD_IRS_1M_FUT_01Y | 600 | 600 | 0 |
| FRA1M | USD_FRA_1M_FUT_24M | 100 | 100 | 0 |
| FRA1M | USD_FRA_1M_FUT_18M | 100 | 100 | 0 |
| FRA1M | USD_FRA_1M_FUT_12M | 100 | 100 | 0 |
| FRA1M | USD_FRA_1M_FUT_06M | 100 | 100 | 0 |
| OIS | USD_OIS_OIS_FUT_02Y | 500 | 500 | 0 |
| OIS | USD_OIS_OIS_FUT_12M | 200 | 200 | 0 |
| QIS | USD_QIS_3M_FUT_30Y | 8,600 | 8,600 | 0 |
| QIS | USD_QIS_3M_FUT_25Y | 7,700 | 7,700 | 0 |
| QIS | USD_QIS_3M_FUT_20Y | 6,300 | 6,300 | 0 |
| QIS | USD_QIS_3M_FUT_15Y | 5,500 | 5,500 | 0 |
| QIS | USD_QIS_3M_FUT_10Y | 4,400 | 4,400 | 0 |
| QIS | USD_QIS_3M_FUT_09Y | 4,000 | 4,000 | 0 |
| QIS | USD_QIS_3M_FUT_08Y | 3,800 | 3,800 | 0 |
| QIS | USD_QIS_3M_FUT_07Y | 3,300 | 3,300 | 0 |
| QIS | USD_QIS_3M_FUT_06Y | 2,900 | 2,900 | 0 |
| QIS | USD_QIS_3M_FUT_05Y | 2,300 | 2,300 | 0 |
| QIS | USD_QIS_3M_FUT_04Y | 1,800 | 1,800 | 0 |
| QIS | USD_QIS_3M_FUT_03Y | 1,200 | 1,200 | 0 |
| QIS | USD_QIS_3M_FUT_02Y | 700 | 700 | 0 |
| QIS | USD_QIS_3M_FUT_01Y | 700 | 700 | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_30Y | 64,600* | 64,600* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_25Y | 59,200* | 59,200* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_20Y | 49,300* | 49,300* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_15Y | 42,000* | 42,000* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_12Y | 37,300* | 37,300* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_10Y | 33,900* | 33,900* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_09Y | 31,600* | 31,600* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_08Y | 29,100* | 29,100* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_07Y | 25,400* | 25,400* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_06Y | 22,200* | 22,200* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_05Y | 18,000* | 18,000* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_04Y | 13,700* | 13,700* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_03Y | 8,900* | 8,900* | 0 |
| IRSU-OTC | USD_IRS_3M_OTC_02Y | 5,100* | 5,100* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_23M | 1,300* | 1,300* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_22M | 1,300* | 1,300* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_21M | 1,300* | 1,300* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_20M | 1,300* | 1,300* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_19M | 1,300* | 1,300* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_18M | 1,100* | 1,100* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_17M | 1,100* | 1,100* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_16M | 1,100* | 1,100* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_15M | 1,100* | 1,100* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_14M | 1,200* | 1,200* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_13M | 1,200* | 1,200* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_12M | 800* | 800* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_11M | 800* | 800* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_10M | 800* | 800* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_09M | 800* | 800* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_08M | 800* | 800* | 0 |

Note: All Off-The-Run futures contracts will be margined at the next highest maturity bucket until rolled into the next lowest spot maturity bucket

| Product Type | Initial Margin Risk Bucket | Current Initial Margin Levels (06-May-2011) | Previous Initial Margin Levels (08-Apr-2011) | Change |
|--------------|----------------------------|--|---|--------|
| | | USD | USD | USD |
| FRA3M-OTC | USD_FRA_3M_OTC_07M | 900* | 900* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_06M | 400* | 400* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_05M | 400* | 400* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_04M | 500* | 500* | 0 |
| FRA3M-OTC | USD_FRA_3M_OTC_03M | 500* | 500* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_30Y | 66,300* | 66,300* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_25Y | 60,600* | 60,600* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_20Y | 54,600* | 54,600* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_15Y | 45,100* | 45,100* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_12Y | 38,700* | 38,700* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_10Y | 33,700* | 33,700* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_07Y | 25,700* | 25,700* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_05Y | 18,300* | 18,300* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_04Y | 14,300* | 14,300* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_03Y | 9,500* | 9,500* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_02Y | 4,900* | 4,900* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_18M | 2,800* | 2,800* | 0 |
| IRS1M-OTC | USD_IRS_1M_OTC_01Y | 1,100* | 1,100* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_11M | 400* | 400* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_10M | 400* | 400* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_09M | 400* | 400* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_08M | 400* | 400* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_07M | 400* | 400* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_06M | 100* | 100* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_05M | 100* | 100* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_04M | 100* | 100* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_03M | 100* | 100* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_02M | 100* | 100* | 0 |
| FRA1M-OTC | USD_FRA_1M_OTC_01M | 100* | 100* | 0 |
| OIS-OTC | USD_OIS_OIS_OTC_05Y | 18,000* | 18,000* | 0 |
| OIS-OTC | USD_OIS_OIS_OTC_04Y | 13,900* | 13,900* | 0 |
| OIS-OTC | USD_OIS_OIS_OTC_03Y | 9,300* | 9,300* | 0 |
| OIS-OTC | USD_OIS_OIS_OTC_02Y | 4,400* | 4,400* | 0 |
| OIS-OTC | USD_OIS_OIS_OTC_12M | 1,000* | 1,000* | 0 |

*Gross Margin charge based on \$1MM of notional

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Disclaimer: IDCH reserves the right to change margin requirements at anytime without prior noti

Note: All Off-The-Run futures contracts will be margined at the next highest maturity bucket until rolled into the next lowest spot maturity bucket



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IDCH Margin Offset/Relief Rate Table

| ID | Offset Ratio | Relief Rate | Priority |
|---|--------------|-------------|----------|
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_30Y | 1.00 | 0.90 | 1 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_25Y | 1.00 | 0.90 | 2 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_20Y | 1.00 | 0.90 | 3 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_15Y | 1.00 | 0.90 | 4 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_10Y | 1.00 | 0.90 | 5 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_09Y | 1.00 | 0.90 | 6 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_08Y | 1.00 | 0.90 | 7 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_07Y | 1.00 | 0.90 | 8 |
| USD_IRS_3M_FUT_06YxUSD_IRS_3M_FUT_06Y | 1.00 | 0.90 | 9 |
| USD_IRS_3M_FUT_05YxUSD_IRS_3M_FUT_05Y | 1.00 | 0.90 | 10 |
| USD_IRS_3M_FUT_04YxUSD_IRS_3M_FUT_04Y | 1.00 | 0.90 | 11 |
| USD_IRS_3M_FUT_03YxUSD_IRS_3M_FUT_03Y | 1.00 | 0.90 | 12 |
| USD_IRS_3M_FUT_02YxUSD_IRS_3M_FUT_02Y | 1.00 | 0.90 | 13 |
| USD_IRS_3M_FUT_01YxUSD_IRS_3M_FUT_01Y | 1.00 | 0.90 | 14 |
| USD_FRA_3M_FUT_24MxUSD_FRA_3M_FUT_24M | 1.00 | 0.90 | 15 |
| USD_FRA_3M_FUT_18MxUSD_FRA_3M_FUT_18M | 1.00 | 0.90 | 16 |
| USD_FRA_3M_FUT_12MxUSD_FRA_3M_FUT_12M | 1.00 | 0.90 | 17 |
| USD_FRA_3M_FUT_06MxUSD_FRA_3M_FUT_06M | 1.00 | 0.90 | 18 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_30Y | 1.00 | 0.90 | 19 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_25Y | 1.00 | 0.90 | 20 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_20Y | 1.00 | 0.90 | 21 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_15Y | 1.00 | 0.90 | 22 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_10Y | 1.00 | 0.90 | 23 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_09Y | 1.00 | 0.90 | 24 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_08Y | 1.00 | 0.90 | 25 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_07Y | 1.00 | 0.90 | 26 |
| USD_IRS_1M_FUT_06YxUSD_IRS_1M_FUT_06Y | 1.00 | 0.90 | 27 |
| USD_IRS_1M_FUT_05YxUSD_IRS_1M_FUT_05Y | 1.00 | 0.90 | 28 |
| USD_IRS_1M_FUT_04YxUSD_IRS_1M_FUT_04Y | 1.00 | 0.90 | 29 |
| USD_IRS_1M_FUT_03YxUSD_IRS_1M_FUT_03Y | 1.00 | 0.90 | 30 |
| USD_IRS_1M_FUT_02YxUSD_IRS_1M_FUT_02Y | 1.00 | 0.90 | 31 |
| USD_IRS_1M_FUT_01YxUSD_IRS_1M_FUT_01Y | 1.00 | 0.90 | 32 |
| USD_FRA_1M_FUT_24MxUSD_FRA_1M_FUT_24M | 1.00 | 0.90 | 33 |
| USD_FRA_1M_FUT_18MxUSD_FRA_1M_FUT_18M | 1.00 | 0.90 | 34 |
| USD_FRA_1M_FUT_12MxUSD_FRA_1M_FUT_12M | 1.00 | 0.90 | 35 |
| USD_FRA_1M_FUT_06MxUSD_FRA_1M_FUT_06M | 1.00 | 0.90 | 36 |
| USD_OIS_OIS_FUT_02YxUSD_OIS_OIS_FUT_02Y | 1.00 | 0.90 | 37 |
| USD_OIS_OIS_FUT_12MxUSD_OIS_OIS_FUT_12M | 1.00 | 0.90 | 38 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_30Y | 1.00 | 0.90 | 39 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_25Y | 1.00 | 0.90 | 40 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_20Y | 1.00 | 0.90 | 41 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_15Y | 1.00 | 0.90 | 42 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_10Y | 1.00 | 0.90 | 43 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_09Y | 1.00 | 0.90 | 44 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_08Y | 1.00 | 0.90 | 45 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_07Y | 1.00 | 0.90 | 46 |
| USD_QIS_3M_FUT_06YxUSD_QIS_3M_FUT_06Y | 1.00 | 0.90 | 47 |
| USD_QIS_3M_FUT_05YxUSD_QIS_3M_FUT_05Y | 1.00 | 0.90 | 48 |
| USD_QIS_3M_FUT_04YxUSD_QIS_3M_FUT_04Y | 1.00 | 0.90 | 49 |
| USD_QIS_3M_FUT_03YxUSD_QIS_3M_FUT_03Y | 1.00 | 0.90 | 50 |
| USD_QIS_3M_FUT_02YxUSD_QIS_3M_FUT_02Y | 1.00 | 0.90 | 51 |
| USD_QIS_3M_FUT_01YxUSD_QIS_3M_FUT_01Y | 1.00 | 0.90 | 52 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_25Y | 1.07 | 0.90 | 53 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_20Y | 1.28 | 0.90 | 54 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_15Y | 1.50 | 0.90 | 55 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_10Y | 1.93 | 0.90 | 56 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_09Y | 2.08 | 0.90 | 57 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_08Y | 2.26 | 0.90 | 58 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_07Y | 2.56 | 0.85 | 59 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_06Y | 2.90 | 0.85 | 60 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_05Y | 3.48 | 0.80 | 61 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_04Y | 4.51 | 0.75 | 62 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_03Y | 6.92 | 0.70 | 63 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_02Y | 11.95 | 0.60 | 64 |
| USD_IRS_3M_FUT_30YxUSD_IRS_3M_FUT_01Y | 30.89 | 0.60 | 65 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_20Y | 1.20 | 0.90 | 66 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_15Y | 1.40 | 0.90 | 67 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_10Y | 1.80 | 0.90 | 68 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_09Y | 1.94 | 0.90 | 69 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_08Y | 2.10 | 0.90 | 70 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_07Y | 2.39 | 0.85 | 71 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_06Y | 2.70 | 0.85 | 72 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_05Y | 3.25 | 0.80 | 73 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_04Y | 4.21 | 0.80 | 74 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_03Y | 6.46 | 0.70 | 75 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_02Y | 11.15 | 0.65 | 76 |
| USD_IRS_3M_FUT_25YxUSD_IRS_3M_FUT_01Y | 28.83 | 0.60 | 77 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_15Y | 1.17 | 0.90 | 78 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_10Y | 1.50 | 0.90 | 79 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_09Y | 1.62 | 0.90 | 80 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_08Y | 1.76 | 0.90 | 81 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_07Y | 1.99 | 0.90 | 82 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_06Y | 2.26 | 0.85 | 83 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_05Y | 2.71 | 0.85 | 84 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_04Y | 3.51 | 0.80 | 85 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_03Y | 5.39 | 0.75 | 86 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_02Y | 9.31 | 0.65 | 87 |
| USD_IRS_3M_FUT_20YxUSD_IRS_3M_FUT_01Y | 24.07 | 0.65 | 88 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_10Y | 1.28 | 0.90 | 89 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_09Y | 1.38 | 0.90 | 90 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_08Y | 1.50 | 0.90 | 91 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_07Y | 1.71 | 0.90 | 92 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_06Y | 1.93 | 0.90 | 93 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_05Y | 2.32 | 0.85 | 94 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_04Y | 3.00 | 0.85 | 95 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_03Y | 4.61 | 0.80 | 96 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_02Y | 7.96 | 0.70 | 97 |
| USD_IRS_3M_FUT_15YxUSD_IRS_3M_FUT_01Y | 20.58 | 0.65 | 98 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_09Y | 1.08 | 0.90 | 99 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_08Y | 1.17 | 0.90 | 100 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_07Y | 1.33 | 0.90 | 101 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_06Y | 1.50 | 0.90 | 102 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_05Y | 1.81 | 0.90 | 103 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_04Y | 2.34 | 0.90 | 104 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_03Y | 3.59 | 0.85 | 105 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_02Y | 6.20 | 0.75 | 106 |
| USD_IRS_3M_FUT_10YxUSD_IRS_3M_FUT_01Y | 16.04 | 0.70 | 107 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_08Y | 1.09 | 0.90 | 108 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_07Y | 1.23 | 0.90 | 109 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_06Y | 1.39 | 0.90 | 110 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_05Y | 1.68 | 0.90 | 111 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_04Y | 2.17 | 0.90 | 112 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_03Y | 3.33 | 0.85 | 113 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_02Y | 5.75 | 0.75 | 114 |
| USD_IRS_3M_FUT_09YxUSD_IRS_3M_FUT_01Y | 14.86 | 0.70 | 115 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_07Y | 1.13 | 0.90 | 116 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_06Y | 1.28 | 0.90 | 117 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_05Y | 1.54 | 0.90 | 118 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_04Y | 2.00 | 0.90 | 119 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_03Y | 3.07 | 0.85 | 120 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_02Y | 5.30 | 0.80 | 121 |
| USD_IRS_3M_FUT_08YxUSD_IRS_3M_FUT_01Y | 13.70 | 0.75 | 122 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_06Y | 1.13 | 0.90 | 123 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_05Y | 1.36 | 0.90 | 124 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_04Y | 1.76 | 0.90 | 125 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_03Y | 2.70 | 0.90 | 126 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_02Y | 4.67 | 0.80 | 127 |
| USD_IRS_3M_FUT_07YxUSD_IRS_3M_FUT_01Y | 12.07 | 0.80 | 128 |
| USD_IRS_3M_FUT_06YxUSD_IRS_3M_FUT_05Y | 1.20 | 0.90 | 129 |
| USD_IRS_3M_FUT_06YxUSD_IRS_3M_FUT_04Y | 1.56 | 0.90 | 130 |
| USD_IRS_3M_FUT_06YxUSD_IRS_3M_FUT_03Y | 2.39 | 0.90 | 131 |
| USD_IRS_3M_FUT_06YxUSD_IRS_3M_FUT_02Y | 4.12 | 0.85 | 132 |
| USD_IRS_3M_FUT_06YxUSD_IRS_3M_FUT_01Y | 10.66 | 0.80 | 133 |
| USD_IRS_3M_FUT_05YxUSD_IRS_3M_FUT_04Y | 1.29 | 0.90 | 134 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_FUT_05YxUSD_IRS_3M_FUT_03Y | 1.99 | 0.90 | 135 |
| USD_IRS_3M_FUT_05YxUSD_IRS_3M_FUT_02Y | 3.43 | 0.90 | 136 |
| USD_IRS_3M_FUT_05YxUSD_IRS_3M_FUT_01Y | 8.87 | 0.85 | 137 |
| USD_IRS_3M_FUT_04YxUSD_IRS_3M_FUT_03Y | 1.53 | 0.90 | 138 |
| USD_IRS_3M_FUT_04YxUSD_IRS_3M_FUT_02Y | 2.65 | 0.90 | 139 |
| USD_IRS_3M_FUT_04YxUSD_IRS_3M_FUT_01Y | 6.85 | 0.85 | 140 |
| USD_IRS_3M_FUT_03YxUSD_IRS_3M_FUT_02Y | 1.73 | 0.90 | 141 |
| USD_IRS_3M_FUT_03YxUSD_IRS_3M_FUT_01Y | 4.47 | 0.90 | 142 |
| USD_IRS_3M_FUT_02YxUSD_IRS_3M_FUT_01Y | 2.59 | 0.90 | 143 |
| USD_FRA_3M_FUT_24MxUSD_FRA_3M_FUT_18M | 1.24 | 0.85 | 144 |
| USD_FRA_3M_FUT_24MxUSD_FRA_3M_FUT_12M | 1.9630 | 0.80 | 145 |
| USD_FRA_3M_FUT_24MxUSD_FRA_3M_FUT_06M | 3.8591 | 0.45 | 146 |
| USD_FRA_3M_FUT_18MxUSD_FRA_3M_FUT_12M | 1.5866 | 0.90 | 147 |
| USD_FRA_3M_FUT_18MxUSD_FRA_3M_FUT_06M | 3.1192 | 0.65 | 148 |
| USD_FRA_3M_FUT_12MxUSD_FRA_3M_FUT_06M | 1.9660 | 0.80 | 149 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_25Y | 1.1062 | 0.90 | 150 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_20Y | 1.2444 | 0.90 | 151 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_15Y | 1.4654 | 0.90 | 152 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_10Y | 1.9481 | 0.85 | 153 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_09Y | 2.1330 | 0.85 | 154 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_08Y | 2.3172 | 0.80 | 155 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_07Y | 2.5507 | 0.75 | 156 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_06Y | 3.0159 | 0.75 | 157 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_05Y | 3.4999 | 0.70 | 158 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_04Y | 4.4631 | 0.65 | 159 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_03Y | 6.7546 | 0.60 | 160 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_02Y | 13.9792 | 0.60 | 161 |
| USD_IRS_1M_FUT_30YxUSD_IRS_1M_FUT_01Y | 66.8442 | 0.40 | 162 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_20Y | 1.1249 | 0.90 | 163 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_15Y | 1.3247 | 0.90 | 164 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_10Y | 1.7610 | 0.90 | 165 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_09Y | 1.9282 | 0.85 | 166 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_08Y | 2.0946 | 0.85 | 167 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_07Y | 2.3058 | 0.80 | 168 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_06Y | 2.7263 | 0.80 | 169 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_05Y | 3.1638 | 0.70 | 170 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_04Y | 4.0345 | 0.70 | 171 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_03Y | 6.1060 | 0.65 | 172 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_02Y | 12.6368 | 0.60 | 173 |
| USD_IRS_1M_FUT_25YxUSD_IRS_1M_FUT_01Y | 60.4250 | 0.40 | 174 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_15Y | 1.1776 | 0.90 | 175 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_10Y | 1.5655 | 0.90 | 176 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_09Y | 1.7141 | 0.90 | 177 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_08Y | 1.8621 | 0.85 | 178 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_07Y | 2.0498 | 0.85 | 179 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_06Y | 2.4236 | 0.80 | 180 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_05Y | 2.8125 | 0.75 | 181 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_04Y | 3.5865 | 0.70 | 182 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_03Y | 5.4280 | 0.65 | 183 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_02Y | 11.2337 | 0.65 | 184 |
| USD_IRS_1M_FUT_20YxUSD_IRS_1M_FUT_01Y | 53.7159 | 0.45 | 185 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_10Y | 1.3294 | 0.90 | 186 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_09Y | 1.4556 | 0.90 | 187 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_08Y | 1.5813 | 0.90 | 188 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_07Y | 1.7407 | 0.85 | 189 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_06Y | 2.0581 | 0.85 | 190 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_05Y | 2.3884 | 0.80 | 191 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_04Y | 3.0457 | 0.80 | 192 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_03Y | 4.6095 | 0.75 | 193 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_02Y | 9.5397 | 0.70 | 194 |
| USD_IRS_1M_FUT_15YxUSD_IRS_1M_FUT_01Y | 45.6157 | 0.50 | 195 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_09Y | 1.0949 | 0.90 | 196 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_08Y | 1.1894 | 0.90 | 197 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_07Y | 1.3093 | 0.90 | 198 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_06Y | 1.5481 | 0.90 | 199 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_05Y | 1.7966 | 0.90 | 200 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_04Y | 2.2910 | 0.85 | 201 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_03Y | 3.4673 | 0.80 | 202 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_02Y | 7.1758 | 0.75 | 203 |
| USD_IRS_1M_FUT_10YxUSD_IRS_1M_FUT_01Y | 34.3123 | 0.55 | 204 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_08Y | 1.0863 | 0.90 | 205 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_07Y | 1.1958 | 0.90 | 206 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_06Y | 1.4139 | 0.90 | 207 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_05Y | 1.6408 | 0.90 | 208 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_04Y | 2.0924 | 0.90 | 209 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_03Y | 3.1667 | 0.85 | 210 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_02Y | 6.5537 | 0.80 | 211 |
| USD_IRS_1M_FUT_09YxUSD_IRS_1M_FUT_01Y | 31.3375 | 0.55 | 212 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_07Y | 1.1008 | 0.90 | 213 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_06Y | 1.3015 | 0.90 | 214 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_05Y | 1.5104 | 0.90 | 215 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_04Y | 1.9261 | 0.90 | 216 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_03Y | 2.9150 | 0.85 | 217 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_02Y | 6.0329 | 0.75 | 218 |
| USD_IRS_1M_FUT_08YxUSD_IRS_1M_FUT_01Y | 28.8475 | 0.55 | 219 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_06Y | 1.1824 | 0.90 | 220 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_05Y | 1.3721 | 0.90 | 221 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_04Y | 1.7497 | 0.90 | 222 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_03Y | 2.6481 | 0.85 | 223 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_02Y | 5.4805 | 0.80 | 224 |
| USD_IRS_1M_FUT_07YxUSD_IRS_1M_FUT_01Y | 26.2059 | 0.55 | 225 |
| USD_IRS_1M_FUT_06YxUSD_IRS_1M_FUT_05Y | 1.1605 | 0.90 | 226 |
| USD_IRS_1M_FUT_06YxUSD_IRS_1M_FUT_04Y | 1.4799 | 0.90 | 227 |
| USD_IRS_1M_FUT_06YxUSD_IRS_1M_FUT_03Y | 2.2397 | 0.90 | 228 |
| USD_IRS_1M_FUT_06YxUSD_IRS_1M_FUT_02Y | 4.6352 | 0.85 | 229 |
| USD_IRS_1M_FUT_06YxUSD_IRS_1M_FUT_01Y | 22.1641 | 0.60 | 230 |

| ID | Offset Ratio | Relief Rate | Priority |
|---|--------------|-------------|----------|
| USD_IRS_1M_FUT_05YxUSD_IRS_1M_FUT_04Y | 1.2752 | 0.90 | 231 |
| USD_IRS_1M_FUT_05YxUSD_IRS_1M_FUT_03Y | 1.9299 | 0.90 | 232 |
| USD_IRS_1M_FUT_05YxUSD_IRS_1M_FUT_02Y | 3.9942 | 0.90 | 233 |
| USD_IRS_1M_FUT_05YxUSD_IRS_1M_FUT_01Y | 19.0988 | 0.65 | 234 |
| USD_IRS_1M_FUT_04YxUSD_IRS_1M_FUT_03Y | 1.5134 | 0.90 | 235 |
| USD_IRS_1M_FUT_04YxUSD_IRS_1M_FUT_02Y | 3.1322 | 0.90 | 236 |
| USD_IRS_1M_FUT_04YxUSD_IRS_1M_FUT_01Y | 14.9772 | 0.70 | 237 |
| USD_IRS_1M_FUT_03YxUSD_IRS_1M_FUT_02Y | 2.0696 | 0.90 | 238 |
| USD_IRS_1M_FUT_03YxUSD_IRS_1M_FUT_01Y | 9.8961 | 0.75 | 239 |
| USD_IRS_1M_FUT_02YxUSD_IRS_1M_FUT_01Y | 4.7817 | 0.85 | 240 |
| USD_FRA_1M_FUT_24MxUSD_FRA_1M_FUT_18M | 1.2188 | 0.90 | 241 |
| USD_FRA_1M_FUT_24MxUSD_FRA_1M_FUT_12M | 1.0368 | 0.70 | 242 |
| USD_FRA_1M_FUT_24MxUSD_FRA_1M_FUT_06M | 4.9070 | 0.40 | 243 |
| USD_FRA_1M_FUT_18MxUSD_FRA_1M_FUT_12M | 0.8507 | 0.70 | 244 |
| USD_FRA_1M_FUT_18MxUSD_FRA_1M_FUT_06M | 4.0262 | 0.45 | 245 |
| USD_FRA_1M_FUT_12MxUSD_FRA_1M_FUT_06M | 4.7330 | 0.00 | 246 |
| USD_OIS_OIS_FUT_02YxUSD_OIS_OIS_FUT_12M | 6.2953 | 0.65 | 247 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_25Y | 1.0726 | 0.90 | 248 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_20Y | 1.2839 | 0.90 | 249 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_15Y | 1.5004 | 0.90 | 250 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_10Y | 1.9275 | 0.90 | 251 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_09Y | 2.0831 | 0.90 | 252 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_08Y | 2.2629 | 0.90 | 253 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_07Y | 2.5614 | 0.85 | 254 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_06Y | 2.9081 | 0.80 | 255 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_05Y | 3.5189 | 0.80 | 256 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_04Y | 4.5829 | 0.75 | 257 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_03Y | 7.0411 | 0.70 | 258 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_02Y | 12.0655 | 0.65 | 259 |
| USD_QIS_3M_FUT_30YxUSD_QIS_3M_FUT_01Y | 30.2540 | 0.65 | 260 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_20Y | 1.1970 | 0.90 | 261 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_15Y | 1.3989 | 0.90 | 262 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_10Y | 1.7971 | 0.90 | 263 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_09Y | 1.9422 | 0.90 | 264 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_08Y | 2.1098 | 0.90 | 265 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_07Y | 2.3881 | 0.85 | 266 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_06Y | 2.7113 | 0.85 | 267 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_05Y | 3.2808 | 0.80 | 268 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_04Y | 4.2728 | 0.80 | 269 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_03Y | 6.5647 | 0.70 | 270 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_02Y | 11.2492 | 0.65 | 271 |
| USD_QIS_3M_FUT_25YxUSD_QIS_3M_FUT_01Y | 28.2072 | 0.65 | 272 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_15Y | 1.1686 | 0.90 | 273 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_10Y | 1.5013 | 0.90 | 274 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_09Y | 1.6225 | 0.90 | 275 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_08Y | 1.7626 | 0.90 | 276 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_07Y | 1.9950 | 0.90 | 277 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_06Y | 2.2650 | 0.85 | 278 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_05Y | 2.7408 | 0.85 | 279 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_04Y | 3.5695 | 0.80 | 280 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_03Y | 5.4842 | 0.75 | 281 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_02Y | 9.3976 | 0.65 | 282 |
| USD_QIS_3M_FUT_20YxUSD_QIS_3M_FUT_01Y | 23.5643 | 0.65 | 283 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_10Y | 1.2847 | 0.90 | 284 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_09Y | 1.3884 | 0.90 | 285 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_08Y | 1.5082 | 0.90 | 286 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_07Y | 1.7072 | 0.90 | 287 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_06Y | 1.9382 | 0.90 | 288 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_05Y | 2.3453 | 0.85 | 289 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_04Y | 3.0545 | 0.85 | 290 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_03Y | 4.6929 | 0.75 | 291 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_02Y | 8.0417 | 0.70 | 292 |
| USD_QIS_3M_FUT_15YxUSD_QIS_3M_FUT_01Y | 20.1642 | 0.70 | 293 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_09Y | 1.0807 | 0.90 | 294 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_08Y | 1.1740 | 0.90 | 295 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_07Y | 1.3288 | 0.90 | 296 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_06Y | 1.5087 | 0.90 | 297 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_05Y | 1.8256 | 0.90 | 298 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_04Y | 2.3776 | 0.90 | 299 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_03Y | 3.6529 | 0.80 | 300 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_02Y | 6.2596 | 0.75 | 301 |
| USD_QIS_3M_FUT_10YxUSD_QIS_3M_FUT_01Y | 15.6959 | 0.75 | 302 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_08Y | 1.0863 | 0.90 | 303 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_07Y | 1.2296 | 0.90 | 304 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_06Y | 1.3960 | 0.90 | 305 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_05Y | 1.6893 | 0.90 | 306 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_04Y | 2.2000 | 0.90 | 307 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_03Y | 3.3801 | 0.85 | 308 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_02Y | 5.7921 | 0.75 | 309 |
| USD_QIS_3M_FUT_09YxUSD_QIS_3M_FUT_01Y | 14.5234 | 0.75 | 310 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_07Y | 1.1319 | 0.90 | 311 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_06Y | 1.2851 | 0.90 | 312 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_05Y | 1.5550 | 0.90 | 313 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_04Y | 2.0252 | 0.90 | 314 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_03Y | 3.1115 | 0.85 | 315 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_02Y | 5.3318 | 0.80 | 316 |
| USD_QIS_3M_FUT_08YxUSD_QIS_3M_FUT_01Y | 13.3693 | 0.75 | 317 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_06Y | 1.1354 | 0.90 | 318 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_05Y | 1.3738 | 0.90 | 319 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_04Y | 1.7892 | 0.90 | 320 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_03Y | 2.7489 | 0.90 | 321 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_02Y | 4.7106 | 0.80 | 322 |
| USD_QIS_3M_FUT_07YxUSD_QIS_3M_FUT_01Y | 11.8116 | 0.80 | 323 |
| USD_QIS_3M_FUT_06YxUSD_QIS_3M_FUT_05Y | 1.2100 | 0.90 | 324 |
| USD_QIS_3M_FUT_06YxUSD_QIS_3M_FUT_04Y | 1.5759 | 0.90 | 325 |
| USD_QIS_3M_FUT_06YxUSD_QIS_3M_FUT_03Y | 2.4212 | 0.90 | 326 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_QIS_3M_FUT_06YxUSD_QIS_3M_FUT_02Y | 4.1490 | 0.85 | 327 |
| USD_QIS_3M_FUT_06YxUSD_QIS_3M_FUT_01Y | 10.4034 | 0.85 | 328 |
| USD_QIS_3M_FUT_05YxUSD_QIS_3M_FUT_04Y | 1.3024 | 0.90 | 329 |
| USD_QIS_3M_FUT_05YxUSD_QIS_3M_FUT_03Y | 2.0009 | 0.90 | 330 |
| USD_QIS_3M_FUT_05YxUSD_QIS_3M_FUT_02Y | 3.4288 | 0.90 | 331 |
| USD_QIS_3M_FUT_05YxUSD_QIS_3M_FUT_01Y | 8.5976 | 0.85 | 332 |
| USD_QIS_3M_FUT_04YxUSD_QIS_3M_FUT_03Y | 1.5364 | 0.90 | 333 |
| USD_QIS_3M_FUT_04YxUSD_QIS_3M_FUT_02Y | 2.6328 | 0.90 | 334 |
| USD_QIS_3M_FUT_04YxUSD_QIS_3M_FUT_01Y | 6.6016 | 0.90 | 335 |
| USD_QIS_3M_FUT_03YxUSD_QIS_3M_FUT_02Y | 1.7136 | 0.90 | 336 |
| USD_QIS_3M_FUT_03YxUSD_QIS_3M_FUT_01Y | 4.2968 | 0.90 | 337 |
| USD_QIS_3M_FUT_02YxUSD_QIS_3M_FUT_01Y | 2.5075 | 0.90 | 338 |
| USD_IRS_3M_FUT_30YxUSD_FRA_3M_FUT_24M | 48.9628 | 0.65 | 339 |
| USD_IRS_3M_FUT_30YxUSD_FRA_3M_FUT_18M | 60.5775 | 0.70 | 340 |
| USD_IRS_3M_FUT_30YxUSD_FRA_3M_FUT_12M | 96.1116 | 0.65 | 341 |
| USD_IRS_3M_FUT_30YxUSD_FRA_3M_FUT_06M | 188.9544 | 0.40 | 342 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_30Y | 0.9486 | 0.85 | 343 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_25Y | 1.0494 | 0.85 | 344 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_20Y | 1.1805 | 0.85 | 345 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_15Y | 1.3901 | 0.90 | 346 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_10Y | 1.8481 | 0.90 | 347 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_09Y | 2.0235 | 0.85 | 348 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_08Y | 2.1981 | 0.85 | 349 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_07Y | 2.4197 | 0.80 | 350 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_06Y | 2.8610 | 0.80 | 351 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_05Y | 3.3202 | 0.75 | 352 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_04Y | 4.2338 | 0.75 | 353 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_03Y | 6.4077 | 0.70 | 354 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_02Y | 13.2613 | 0.65 | 355 |
| USD_IRS_3M_FUT_30YxUSD_IRS_1M_FUT_01Y | 63.4110 | 0.45 | 356 |
| USD_IRS_3M_FUT_30YxUSD_FRA_1M_FUT_24M | 154.7085 | 0.70 | 357 |
| USD_IRS_3M_FUT_30YxUSD_FRA_1M_FUT_18M | 188.5510 | 0.70 | 358 |
| USD_IRS_3M_FUT_30YxUSD_FRA_1M_FUT_12M | 160.3960 | 0.55 | 359 |
| USD_IRS_3M_FUT_30YxUSD_FRA_1M_FUT_06M | 759.1481 | 0.00 | 360 |
| USD_IRS_3M_FUT_30YxUSD_OIS_OIS_FUT_02Y | 14.9196 | 0.70 | 361 |
| USD_IRS_3M_FUT_30YxUSD_OIS_OIS_FUT_12M | 93.9239 | 0.00 | 362 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_30Y | 0.9975 | 0.90 | 363 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_25Y | 1.0699 | 0.90 | 364 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_20Y | 1.2807 | 0.90 | 365 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_15Y | 1.4966 | 0.90 | 366 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_10Y | 1.9227 | 0.90 | 367 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_09Y | 2.0779 | 0.90 | 368 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_08Y | 2.2573 | 0.85 | 369 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_07Y | 2.5550 | 0.85 | 370 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_06Y | 2.9008 | 0.80 | 371 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_05Y | 3.5101 | 0.80 | 372 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_04Y | 4.5714 | 0.75 | 373 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_03Y | 7.0235 | 0.70 | 374 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_02Y | 12.0354 | 0.60 | 375 |
| USD_IRS_3M_FUT_30YxUSD_QIS_3M_FUT_01Y | 30.1784 | 0.60 | 376 |
| USD_IRS_3M_FUT_25YxUSD_FRA_3M_FUT_24M | 45.6883 | 0.65 | 377 |
| USD_IRS_3M_FUT_25YxUSD_FRA_3M_FUT_18M | 56.5262 | 0.70 | 378 |
| USD_IRS_3M_FUT_25YxUSD_FRA_3M_FUT_12M | 89.6839 | 0.65 | 379 |
| USD_IRS_3M_FUT_25YxUSD_FRA_3M_FUT_06M | 176.3177 | 0.40 | 380 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_30Y | 0.8852 | 0.85 | 381 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_25Y | 0.9792 | 0.85 | 382 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_20Y | 1.1015 | 0.85 | 383 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_15Y | 1.2971 | 0.90 | 384 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_10Y | 1.7245 | 0.90 | 385 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_09Y | 1.8882 | 0.90 | 386 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_08Y | 2.0511 | 0.85 | 387 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_07Y | 2.2579 | 0.85 | 388 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_06Y | 2.6696 | 0.80 | 389 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_05Y | 3.0981 | 0.75 | 390 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_04Y | 3.9507 | 0.75 | 391 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_03Y | 5.9792 | 0.70 | 392 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_02Y | 12.3744 | 0.65 | 393 |
| USD_IRS_3M_FUT_25YxUSD_IRS_1M_FUT_01Y | 59.1703 | 0.45 | 394 |
| USD_IRS_3M_FUT_25YxUSD_FRA_1M_FUT_24M | 144.3620 | 0.70 | 395 |
| USD_IRS_3M_FUT_25YxUSD_FRA_1M_FUT_18M | 175.9412 | 0.70 | 396 |
| USD_IRS_3M_FUT_25YxUSD_FRA_1M_FUT_12M | 149.6691 | 0.55 | 397 |
| USD_IRS_3M_FUT_25YxUSD_FRA_1M_FUT_06M | 708.3783 | 0.00 | 398 |
| USD_IRS_3M_FUT_25YxUSD_OIS_OIS_FUT_02Y | 13.9218 | 0.70 | 399 |
| USD_IRS_3M_FUT_25YxUSD_OIS_OIS_FUT_12M | 87.6425 | 0.00 | 400 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_30Y | 0.9308 | 0.90 | 401 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_25Y | 0.9983 | 0.90 | 402 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_20Y | 1.1950 | 0.90 | 403 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_15Y | 1.3965 | 0.90 | 404 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_10Y | 1.7941 | 0.90 | 405 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_09Y | 1.9389 | 0.90 | 406 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_08Y | 2.1063 | 0.90 | 407 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_07Y | 2.3841 | 0.85 | 408 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_06Y | 2.7068 | 0.85 | 409 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_05Y | 3.2754 | 0.80 | 410 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_04Y | 4.2657 | 0.80 | 411 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_03Y | 6.5538 | 0.70 | 412 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_02Y | 11.2305 | 0.65 | 413 |
| USD_IRS_3M_FUT_25YxUSD_QIS_3M_FUT_01Y | 28.1602 | 0.65 | 414 |
| USD_IRS_3M_FUT_20YxUSD_FRA_3M_FUT_24M | 38.1552 | 0.65 | 415 |
| USD_IRS_3M_FUT_20YxUSD_FRA_3M_FUT_18M | 47.2061 | 0.75 | 416 |
| USD_IRS_3M_FUT_20YxUSD_FRA_3M_FUT_12M | 74.8968 | 0.65 | 417 |
| USD_IRS_3M_FUT_20YxUSD_FRA_3M_FUT_06M | 147.2462 | 0.40 | 418 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_30Y | 0.7392 | 0.85 | 419 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_25Y | 0.8178 | 0.85 | 420 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_20Y | 0.9199 | 0.90 | 421 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_15Y | 1.0833 | 0.90 | 422 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_10Y | 1.4401 | 0.90 | 423 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_09Y | 1.5768 | 0.90 | 424 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_08Y | 1.7129 | 0.90 | 425 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_07Y | 1.8856 | 0.85 | 426 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_06Y | 2.2295 | 0.85 | 427 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_05Y | 2.5873 | 0.80 | 428 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_04Y | 3.2993 | 0.80 | 429 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_03Y | 4.9933 | 0.70 | 430 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_02Y | 10.3341 | 0.70 | 431 |
| USD_IRS_3M_FUT_20YxUSD_IRS_1M_FUT_01Y | 49.4142 | 0.50 | 432 |
| USD_IRS_3M_FUT_20YxUSD_FRA_1M_FUT_24M | 120.5595 | 0.75 | 433 |
| USD_IRS_3M_FUT_20YxUSD_FRA_1M_FUT_18M | 146.9319 | 0.70 | 434 |
| USD_IRS_3M_FUT_20YxUSD_FRA_1M_FUT_12M | 124.9915 | 0.55 | 435 |
| USD_IRS_3M_FUT_20YxUSD_FRA_1M_FUT_06M | 591.5802 | 0.00 | 436 |
| USD_IRS_3M_FUT_20YxUSD_OIS_OIS_FUT_02Y | 11.6264 | 0.70 | 437 |
| USD_IRS_3M_FUT_20YxUSD_OIS_OIS_FUT_12M | 73.1919 | 0.40 | 438 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_30Y | 0.7773 | 0.90 | 439 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_25Y | 0.8337 | 0.90 | 440 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_20Y | 0.9980 | 0.90 | 441 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_15Y | 1.1663 | 0.90 | 442 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_10Y | 1.4983 | 0.90 | 443 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_09Y | 1.6193 | 0.90 | 444 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_08Y | 1.7590 | 0.90 | 445 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_07Y | 1.9910 | 0.90 | 446 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_06Y | 2.2605 | 0.85 | 447 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_05Y | 2.7353 | 0.85 | 448 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_04Y | 3.5624 | 0.80 | 449 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_03Y | 5.4732 | 0.75 | 450 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_02Y | 9.3788 | 0.65 | 451 |
| USD_IRS_3M_FUT_20YxUSD_QIS_3M_FUT_01Y | 23.5171 | 0.65 | 452 |
| USD_IRS_3M_FUT_15YxUSD_FRA_3M_FUT_24M | 32.6226 | 0.65 | 453 |
| USD_IRS_3M_FUT_15YxUSD_FRA_3M_FUT_18M | 40.3611 | 0.75 | 454 |
| USD_IRS_3M_FUT_15YxUSD_FRA_3M_FUT_12M | 64.0365 | 0.70 | 455 |
| USD_IRS_3M_FUT_15YxUSD_FRA_3M_FUT_06M | 125.8951 | 0.45 | 456 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_30Y | 0.6321 | 0.80 | 457 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_25Y | 0.6992 | 0.85 | 458 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_20Y | 0.7865 | 0.85 | 459 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_15Y | 0.9262 | 0.90 | 460 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_10Y | 1.2313 | 0.90 | 461 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_09Y | 1.3482 | 0.90 | 462 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_08Y | 1.4646 | 0.90 | 463 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_07Y | 1.6122 | 0.90 | 464 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_06Y | 1.9062 | 0.90 | 465 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_05Y | 2.2121 | 0.85 | 466 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_04Y | 2.8209 | 0.80 | 467 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_03Y | 4.2693 | 0.75 | 468 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_02Y | 8.8356 | 0.70 | 469 |
| USD_IRS_3M_FUT_15YxUSD_IRS_1M_FUT_01Y | 42.2490 | 0.50 | 470 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_15YxUSD_FRA_1M_FUT_24M | 103.0780 | 0.75 | 471 |
| USD_IRS_3M_FUT_15YxUSD_FRA_1M_FUT_18M | 125.6263 | 0.75 | 472 |
| USD_IRS_3M_FUT_15YxUSD_FRA_1M_FUT_12M | 106.8674 | 0.60 | 473 |
| USD_IRS_3M_FUT_15YxUSD_FRA_1M_FUT_06M | 505.7993 | 0.00 | 474 |
| USD_IRS_3M_FUT_15YxUSD_OIS_OIS_FUT_02Y | 9.9405 | 0.75 | 475 |
| USD_IRS_3M_FUT_15YxUSD_OIS_OIS_FUT_12M | 62.5789 | 0.40 | 476 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_30Y | 0.6646 | 0.90 | 477 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_25Y | 0.7128 | 0.90 | 478 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_20Y | 0.8533 | 0.90 | 479 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_15Y | 0.9972 | 0.90 | 480 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_10Y | 1.2810 | 0.90 | 481 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_09Y | 1.3845 | 0.90 | 482 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_08Y | 1.5040 | 0.90 | 483 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_07Y | 1.7023 | 0.90 | 484 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_06Y | 1.9327 | 0.90 | 485 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_05Y | 2.3387 | 0.85 | 486 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_04Y | 3.0458 | 0.85 | 487 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_03Y | 4.6796 | 0.75 | 488 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_02Y | 8.0189 | 0.70 | 489 |
| USD_IRS_3M_FUT_15YxUSD_QIS_3M_FUT_01Y | 20.1071 | 0.70 | 490 |
| USD_IRS_3M_FUT_10YxUSD_FRA_3M_FUT_24M | 25.4254 | 0.75 | 491 |
| USD_IRS_3M_FUT_10YxUSD_FRA_3M_FUT_18M | 31.4566 | 0.80 | 492 |
| USD_IRS_3M_FUT_10YxUSD_FRA_3M_FUT_12M | 49.9088 | 0.75 | 493 |
| USD_IRS_3M_FUT_10YxUSD_FRA_3M_FUT_06M | 98.1201 | 0.45 | 494 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_30Y | 0.4926 | 0.80 | 495 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_25Y | 0.5449 | 0.85 | 496 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_20Y | 0.6130 | 0.85 | 497 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_15Y | 0.7219 | 0.90 | 498 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_10Y | 0.9597 | 0.90 | 499 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_09Y | 1.0508 | 0.90 | 500 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_08Y | 1.1415 | 0.90 | 501 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_07Y | 1.2565 | 0.90 | 502 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_06Y | 1.4856 | 0.90 | 503 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_05Y | 1.7241 | 0.85 | 504 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_04Y | 2.1985 | 0.85 | 505 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_03Y | 3.3274 | 0.80 | 506 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_02Y | 6.8863 | 0.75 | 507 |
| USD_IRS_3M_FUT_10YxUSD_IRS_1M_FUT_01Y | 32.9280 | 0.55 | 508 |
| USD_IRS_3M_FUT_10YxUSD_FRA_1M_FUT_24M | 80.3369 | 0.80 | 509 |
| USD_IRS_3M_FUT_10YxUSD_FRA_1M_FUT_18M | 97.9106 | 0.80 | 510 |
| USD_IRS_3M_FUT_10YxUSD_FRA_1M_FUT_12M | 83.2903 | 0.60 | 511 |
| USD_IRS_3M_FUT_10YxUSD_FRA_1M_FUT_06M | 394.2099 | 0.00 | 512 |
| USD_IRS_3M_FUT_10YxUSD_OIS_OIS_FUT_02Y | 7.7474 | 0.80 | 513 |
| USD_IRS_3M_FUT_10YxUSD_OIS_OIS_FUT_12M | 48.7727 | 0.40 | 514 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_30Y | 0.5180 | 0.90 | 515 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_25Y | 0.5556 | 0.90 | 516 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_20Y | 0.6650 | 0.90 | 517 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_15Y | 0.7772 | 0.90 | 518 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_10Y | 0.9984 | 0.90 | 519 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_09Y | 1.0790 | 0.90 | 520 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_08Y | 1.1722 | 0.90 | 521 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_07Y | 1.3267 | 0.90 | 522 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_06Y | 1.5063 | 0.90 | 523 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_05Y | 1.8227 | 0.90 | 524 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_04Y | 2.3738 | 0.90 | 525 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_03Y | 3.6472 | 0.80 | 526 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_02Y | 6.2497 | 0.75 | 527 |
| USD_IRS_3M_FUT_10YxUSD_QIS_3M_FUT_01Y | 15.6710 | 0.75 | 528 |
| USD_IRS_3M_FUT_09YxUSD_FRA_3M_FUT_24M | 23.5567 | 0.75 | 529 |
| USD_IRS_3M_FUT_09YxUSD_FRA_3M_FUT_18M | 29.1446 | 0.80 | 530 |
| USD_IRS_3M_FUT_09YxUSD_FRA_3M_FUT_12M | 46.2406 | 0.75 | 531 |
| USD_IRS_3M_FUT_09YxUSD_FRA_3M_FUT_06M | 90.9084 | 0.45 | 532 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_30Y | 0.4564 | 0.80 | 533 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_25Y | 0.5049 | 0.80 | 534 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_20Y | 0.5679 | 0.85 | 535 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_15Y | 0.6688 | 0.90 | 536 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_10Y | 0.8891 | 0.90 | 537 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_09Y | 0.9735 | 0.90 | 538 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_08Y | 1.0576 | 0.90 | 539 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_07Y | 1.1642 | 0.90 | 540 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_06Y | 1.3765 | 0.90 | 541 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_05Y | 1.5974 | 0.90 | 542 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_04Y | 2.0370 | 0.85 | 543 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_03Y | 3.0828 | 0.80 | 544 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_02Y | 6.3802 | 0.75 | 545 |
| USD_IRS_3M_FUT_09YxUSD_IRS_1M_FUT_01Y | 30.5079 | 0.55 | 546 |
| USD_IRS_3M_FUT_09YxUSD_FRA_1M_FUT_24M | 74.4323 | 0.85 | 547 |
| USD_IRS_3M_FUT_09YxUSD_FRA_1M_FUT_18M | 90.7143 | 0.80 | 548 |
| USD_IRS_3M_FUT_09YxUSD_FRA_1M_FUT_12M | 77.1686 | 0.60 | 549 |
| USD_IRS_3M_FUT_09YxUSD_FRA_1M_FUT_06M | 365.2360 | 0.00 | 550 |
| USD_IRS_3M_FUT_09YxUSD_OIS_OIS_FUT_02Y | 7.1780 | 0.80 | 551 |
| USD_IRS_3M_FUT_09YxUSD_OIS_OIS_FUT_12M | 45.1880 | 0.45 | 552 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_30Y | 0.4799 | 0.90 | 553 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_25Y | 0.5147 | 0.90 | 554 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_20Y | 0.6162 | 0.90 | 555 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_15Y | 0.7200 | 0.90 | 556 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_10Y | 0.9250 | 0.90 | 557 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_09Y | 0.9997 | 0.90 | 558 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_08Y | 1.0860 | 0.90 | 559 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_07Y | 1.2292 | 0.90 | 560 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_06Y | 1.3956 | 0.90 | 561 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_05Y | 1.6888 | 0.90 | 562 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_04Y | 2.1994 | 0.90 | 563 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_03Y | 3.3791 | 0.85 | 564 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_02Y | 5.7904 | 0.75 | 565 |
| USD_IRS_3M_FUT_09YxUSD_QIS_3M_FUT_01Y | 14.5192 | 0.75 | 566 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_08YxUSD_FRA_3M_FUT_24M | 21.7081 | 0.75 | 567 |
| USD_IRS_3M_FUT_08YxUSD_FRA_3M_FUT_18M | 26.8576 | 0.85 | 568 |
| USD_IRS_3M_FUT_08YxUSD_FRA_3M_FUT_12M | 42.6119 | 0.75 | 569 |
| USD_IRS_3M_FUT_08YxUSD_FRA_3M_FUT_06M | 83.7746 | 0.50 | 570 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_30Y | 0.4206 | 0.80 | 571 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_25Y | 0.4653 | 0.80 | 572 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_20Y | 0.5234 | 0.85 | 573 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_15Y | 0.6163 | 0.90 | 574 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_10Y | 0.8194 | 0.90 | 575 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_09Y | 0.8971 | 0.90 | 576 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_08Y | 0.9746 | 0.90 | 577 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_07Y | 1.0728 | 0.90 | 578 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_06Y | 1.2684 | 0.90 | 579 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_05Y | 1.4720 | 0.90 | 580 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_04Y | 1.8771 | 0.90 | 581 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_03Y | 2.8409 | 0.85 | 582 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_02Y | 5.8795 | 0.80 | 583 |
| USD_IRS_3M_FUT_08YxUSD_IRS_1M_FUT_01Y | 28.1138 | 0.55 | 584 |
| USD_IRS_3M_FUT_08YxUSD_FRA_1M_FUT_24M | 68.5913 | 0.85 | 585 |
| USD_IRS_3M_FUT_08YxUSD_FRA_1M_FUT_18M | 83.5957 | 0.80 | 586 |
| USD_IRS_3M_FUT_08YxUSD_FRA_1M_FUT_12M | 71.1129 | 0.65 | 587 |
| USD_IRS_3M_FUT_08YxUSD_FRA_1M_FUT_06M | 336.5748 | 0.00 | 588 |
| USD_IRS_3M_FUT_08YxUSD_OIS_OIS_FUT_02Y | 6.6147 | 0.80 | 589 |
| USD_IRS_3M_FUT_08YxUSD_OIS_OIS_FUT_12M | 41.6419 | 0.45 | 590 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_30Y | 0.4423 | 0.90 | 591 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_25Y | 0.4743 | 0.90 | 592 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_20Y | 0.5678 | 0.90 | 593 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_15Y | 0.6635 | 0.90 | 594 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_10Y | 0.8524 | 0.90 | 595 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_09Y | 0.9213 | 0.90 | 596 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_08Y | 1.0008 | 0.90 | 597 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_07Y | 1.1328 | 0.90 | 598 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_06Y | 1.2861 | 0.90 | 599 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_05Y | 1.5562 | 0.90 | 600 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_04Y | 2.0268 | 0.90 | 601 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_03Y | 3.1139 | 0.85 | 602 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_02Y | 5.3360 | 0.75 | 603 |
| USD_IRS_3M_FUT_08YxUSD_QIS_3M_FUT_01Y | 13.3799 | 0.75 | 604 |
| USD_IRS_3M_FUT_07YxUSD_FRA_3M_FUT_24M | 19.1314 | 0.80 | 605 |
| USD_IRS_3M_FUT_07YxUSD_FRA_3M_FUT_18M | 23.6697 | 0.85 | 606 |
| USD_IRS_3M_FUT_07YxUSD_FRA_3M_FUT_12M | 37.5541 | 0.80 | 607 |
| USD_IRS_3M_FUT_07YxUSD_FRA_3M_FUT_06M | 73.8309 | 0.50 | 608 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_30Y | 0.3707 | 0.75 | 609 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_25Y | 0.4100 | 0.75 | 610 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_20Y | 0.4613 | 0.80 | 611 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_15Y | 0.5432 | 0.85 | 612 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_10Y | 0.7221 | 0.90 | 613 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_09Y | 0.7906 | 0.90 | 614 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_08Y | 0.8589 | 0.90 | 615 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_07Y | 0.9455 | 0.90 | 616 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_06Y | 1.1179 | 0.90 | 617 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_05Y | 1.2973 | 0.90 | 618 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_04Y | 1.6543 | 0.90 | 619 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_03Y | 2.5037 | 0.85 | 620 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_02Y | 5.1816 | 0.80 | 621 |
| USD_IRS_3M_FUT_07YxUSD_IRS_1M_FUT_01Y | 24.7768 | 0.60 | 622 |
| USD_IRS_3M_FUT_07YxUSD_FRA_1M_FUT_24M | 60.4499 | 0.90 | 623 |
| USD_IRS_3M_FUT_07YxUSD_FRA_1M_FUT_18M | 73.6733 | 0.85 | 624 |
| USD_IRS_3M_FUT_07YxUSD_FRA_1M_FUT_12M | 62.6722 | 0.65 | 625 |
| USD_IRS_3M_FUT_07YxUSD_FRA_1M_FUT_06M | 296.6250 | 0.00 | 626 |
| USD_IRS_3M_FUT_07YxUSD_OIS_OIS_FUT_02Y | 5.8296 | 0.85 | 627 |
| USD_IRS_3M_FUT_07YxUSD_OIS_OIS_FUT_12M | 36.6992 | 0.45 | 628 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_30Y | 0.3898 | 0.85 | 629 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_25Y | 0.4180 | 0.85 | 630 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_20Y | 0.5004 | 0.90 | 631 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_15Y | 0.5848 | 0.90 | 632 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_10Y | 0.7513 | 0.90 | 633 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_09Y | 0.8119 | 0.90 | 634 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_08Y | 0.8820 | 0.90 | 635 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_07Y | 0.9983 | 0.90 | 636 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_06Y | 1.1334 | 0.90 | 637 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_05Y | 1.3715 | 0.90 | 638 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_04Y | 1.7862 | 0.90 | 639 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_03Y | 2.7443 | 0.90 | 640 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_02Y | 4.7026 | 0.80 | 641 |
| USD_IRS_3M_FUT_07YxUSD_QIS_3M_FUT_01Y | 11.7917 | 0.80 | 642 |
| USD_IRS_3M_FUT_06YxUSD_FRA_3M_FUT_24M | 16.9019 | 0.80 | 643 |
| USD_IRS_3M_FUT_06YxUSD_FRA_3M_FUT_18M | 20.9112 | 0.90 | 644 |
| USD_IRS_3M_FUT_06YxUSD_FRA_3M_FUT_12M | 33.1775 | 0.80 | 645 |
| USD_IRS_3M_FUT_06YxUSD_FRA_3M_FUT_06M | 65.2266 | 0.50 | 646 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_30Y | 0.3275 | 0.70 | 647 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_25Y | 0.3623 | 0.75 | 648 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_20Y | 0.4075 | 0.80 | 649 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_15Y | 0.4799 | 0.85 | 650 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_10Y | 0.6379 | 0.90 | 651 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_09Y | 0.6985 | 0.90 | 652 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_08Y | 0.7588 | 0.90 | 653 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_07Y | 0.8353 | 0.90 | 654 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_06Y | 0.9876 | 0.90 | 655 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_05Y | 1.1461 | 0.90 | 656 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_04Y | 1.4615 | 0.90 | 657 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_03Y | 2.2119 | 0.90 | 658 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_02Y | 4.5778 | 0.85 | 659 |
| USD_IRS_3M_FUT_06YxUSD_IRS_1M_FUT_01Y | 21.8893 | 0.60 | 660 |
| USD_IRS_3M_FUT_06YxUSD_FRA_1M_FUT_24M | 53.4050 | 0.90 | 661 |
| USD_IRS_3M_FUT_06YxUSD_FRA_1M_FUT_18M | 65.0874 | 0.85 | 662 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_06YxUSD_FRA_1M_FUT_12M | 55.3683 | 0.65 | 663 |
| USD_IRS_3M_FUT_06YxUSD_FRA_1M_FUT_06M | 262.0562 | 0.00 | 664 |
| USD_IRS_3M_FUT_06YxUSD_OIS_OIS_FUT_02Y | 5.1502 | 0.85 | 665 |
| USD_IRS_3M_FUT_06YxUSD_OIS_OIS_FUT_12M | 32.4223 | 0.50 | 666 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_30Y | 0.3443 | 0.85 | 667 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_25Y | 0.3693 | 0.85 | 668 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_20Y | 0.4421 | 0.85 | 669 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_15Y | 0.5166 | 0.90 | 670 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_10Y | 0.6637 | 0.90 | 671 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_09Y | 0.7173 | 0.90 | 672 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_08Y | 0.7792 | 0.90 | 673 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_07Y | 0.8820 | 0.90 | 674 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_06Y | 1.0014 | 0.90 | 675 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_05Y | 1.2117 | 0.90 | 676 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_04Y | 1.5780 | 0.90 | 677 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_03Y | 2.4245 | 0.90 | 678 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_02Y | 4.1546 | 0.85 | 679 |
| USD_IRS_3M_FUT_06YxUSD_QIS_3M_FUT_01Y | 10.4175 | 0.85 | 680 |
| USD_IRS_3M_FUT_05YxUSD_FRA_3M_FUT_24M | 14.0605 | 0.85 | 681 |
| USD_IRS_3M_FUT_05YxUSD_FRA_3M_FUT_18M | 17.3958 | 0.90 | 682 |
| USD_IRS_3M_FUT_05YxUSD_FRA_3M_FUT_12M | 27.6001 | 0.85 | 683 |
| USD_IRS_3M_FUT_05YxUSD_FRA_3M_FUT_06M | 54.2614 | 0.55 | 684 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_30Y | 0.2724 | 0.70 | 685 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_25Y | 0.3014 | 0.70 | 686 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_20Y | 0.3390 | 0.75 | 687 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_15Y | 0.3992 | 0.80 | 688 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_10Y | 0.5307 | 0.90 | 689 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_09Y | 0.5811 | 0.90 | 690 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_08Y | 0.6312 | 0.90 | 691 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_07Y | 0.6949 | 0.90 | 692 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_06Y | 0.8216 | 0.90 | 693 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_05Y | 0.9534 | 0.90 | 694 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_04Y | 1.2158 | 0.90 | 695 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_03Y | 1.8401 | 0.90 | 696 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_02Y | 3.8082 | 0.85 | 697 |
| USD_IRS_3M_FUT_05YxUSD_IRS_1M_FUT_01Y | 18.2095 | 0.65 | 698 |
| USD_IRS_3M_FUT_05YxUSD_FRA_1M_FUT_24M | 44.4271 | 0.90 | 699 |
| USD_IRS_3M_FUT_05YxUSD_FRA_1M_FUT_18M | 54.1456 | 0.90 | 700 |
| USD_IRS_3M_FUT_05YxUSD_FRA_1M_FUT_12M | 46.0604 | 0.70 | 701 |
| USD_IRS_3M_FUT_05YxUSD_FRA_1M_FUT_06M | 218.0021 | 0.00 | 702 |
| USD_IRS_3M_FUT_05YxUSD_OIS_OIS_FUT_02Y | 4.2844 | 0.90 | 703 |
| USD_IRS_3M_FUT_05YxUSD_OIS_OIS_FUT_12M | 26.9718 | 0.50 | 704 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_30Y | 0.2864 | 0.80 | 705 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_25Y | 0.3072 | 0.80 | 706 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_20Y | 0.3678 | 0.85 | 707 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_15Y | 0.4298 | 0.85 | 708 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_10Y | 0.5521 | 0.90 | 709 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_09Y | 0.5967 | 0.90 | 710 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_08Y | 0.6482 | 0.90 | 711 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_07Y | 0.7337 | 0.90 | 712 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_06Y | 0.8330 | 0.90 | 713 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_05Y | 1.0080 | 0.90 | 714 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_04Y | 1.3128 | 0.90 | 715 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_03Y | 2.0169 | 0.90 | 716 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_02Y | 3.4562 | 0.85 | 717 |
| USD_IRS_3M_FUT_05YxUSD_QIS_3M_FUT_01Y | 8.6662 | 0.85 | 718 |
| USD_IRS_3M_FUT_04YxUSD_FRA_3M_FUT_24M | 10.8582 | 0.85 | 719 |
| USD_IRS_3M_FUT_04YxUSD_FRA_3M_FUT_18M | 13.4340 | 0.90 | 720 |
| USD_IRS_3M_FUT_04YxUSD_FRA_3M_FUT_12M | 21.3142 | 0.85 | 721 |
| USD_IRS_3M_FUT_04YxUSD_FRA_3M_FUT_06M | 41.9035 | 0.55 | 722 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_30Y | 0.2104 | 0.65 | 723 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_25Y | 0.2327 | 0.70 | 724 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_20Y | 0.2618 | 0.70 | 725 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_15Y | 0.3083 | 0.80 | 726 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_10Y | 0.4098 | 0.85 | 727 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_09Y | 0.4487 | 0.90 | 728 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_08Y | 0.4875 | 0.90 | 729 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_07Y | 0.5366 | 0.90 | 730 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_06Y | 0.6345 | 0.90 | 731 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_05Y | 0.7363 | 0.90 | 732 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_04Y | 0.9389 | 0.90 | 733 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_03Y | 1.4210 | 0.90 | 734 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_02Y | 2.9409 | 0.90 | 735 |
| USD_IRS_3M_FUT_04YxUSD_IRS_1M_FUT_01Y | 14.0623 | 0.70 | 736 |
| USD_IRS_3M_FUT_04YxUSD_FRA_1M_FUT_24M | 34.3089 | 0.90 | 737 |
| USD_IRS_3M_FUT_04YxUSD_FRA_1M_FUT_18M | 41.8140 | 0.90 | 738 |
| USD_IRS_3M_FUT_04YxUSD_FRA_1M_FUT_12M | 35.5702 | 0.70 | 739 |
| USD_IRS_3M_FUT_04YxUSD_FRA_1M_FUT_06M | 168.3525 | 0.00 | 740 |
| USD_IRS_3M_FUT_04YxUSD_OIS_OIS_FUT_02Y | 3.3086 | 0.90 | 741 |
| USD_IRS_3M_FUT_04YxUSD_OIS_OIS_FUT_12M | 20.8290 | 0.55 | 742 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_30Y | 0.2212 | 0.75 | 743 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_25Y | 0.2373 | 0.80 | 744 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_20Y | 0.2840 | 0.80 | 745 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_15Y | 0.3319 | 0.85 | 746 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_10Y | 0.4264 | 0.90 | 747 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_09Y | 0.4608 | 0.90 | 748 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_08Y | 0.5006 | 0.90 | 749 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_07Y | 0.5666 | 0.90 | 750 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_06Y | 0.6433 | 0.90 | 751 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_05Y | 0.7784 | 0.90 | 752 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_04Y | 1.0138 | 0.90 | 753 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_03Y | 1.5576 | 0.90 | 754 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_02Y | 2.6690 | 0.90 | 755 |
| USD_IRS_3M_FUT_04YxUSD_QIS_3M_FUT_01Y | 6.6925 | 0.90 | 756 |
| USD_IRS_3M_FUT_03YxUSD_FRA_3M_FUT_24M | 7.0774 | 0.85 | 757 |
| USD_IRS_3M_FUT_03YxUSD_FRA_3M_FUT_18M | 8.7562 | 0.90 | 758 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_03YxUSD_FRA_3M_FUT_12M | 13.8926 | 0.90 | 759 |
| USD_IRS_3M_FUT_03YxUSD_FRA_3M_FUT_06M | 27.3126 | 0.60 | 760 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_30Y | 0.1371 | 0.60 | 761 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_25Y | 0.1517 | 0.60 | 762 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_20Y | 0.1706 | 0.65 | 763 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_15Y | 0.2009 | 0.70 | 764 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_10Y | 0.2671 | 0.80 | 765 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_09Y | 0.2925 | 0.80 | 766 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_08Y | 0.3177 | 0.80 | 767 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_07Y | 0.3498 | 0.80 | 768 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_06Y | 0.4135 | 0.90 | 769 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_05Y | 0.4799 | 0.90 | 770 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_04Y | 0.6120 | 0.90 | 771 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_03Y | 0.9262 | 0.90 | 772 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_02Y | 1.9169 | 0.90 | 773 |
| USD_IRS_3M_FUT_03YxUSD_IRS_1M_FUT_01Y | 9.1658 | 0.75 | 774 |
| USD_IRS_3M_FUT_03YxUSD_FRA_1M_FUT_24M | 22.3625 | 0.90 | 775 |
| USD_IRS_3M_FUT_03YxUSD_FRA_1M_FUT_18M | 27.2543 | 0.90 | 776 |
| USD_IRS_3M_FUT_03YxUSD_FRA_1M_FUT_12M | 23.1846 | 0.70 | 777 |
| USD_IRS_3M_FUT_03YxUSD_FRA_1M_FUT_06M | 109.7318 | 0.45 | 778 |
| USD_IRS_3M_FUT_03YxUSD_OIS_OIS_FUT_02Y | 2.1566 | 0.90 | 779 |
| USD_IRS_3M_FUT_03YxUSD_OIS_OIS_FUT_12M | 13.5763 | 0.60 | 780 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_30Y | 0.1442 | 0.70 | 781 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_25Y | 0.1546 | 0.75 | 782 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_20Y | 0.1851 | 0.75 | 783 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_15Y | 0.2163 | 0.80 | 784 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_10Y | 0.2779 | 0.85 | 785 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_09Y | 0.3004 | 0.85 | 786 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_08Y | 0.3263 | 0.85 | 787 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_07Y | 0.3693 | 0.90 | 788 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_06Y | 0.4193 | 0.90 | 789 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_05Y | 0.5074 | 0.90 | 790 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_04Y | 0.6608 | 0.90 | 791 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_03Y | 1.0152 | 0.90 | 792 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_02Y | 1.7397 | 0.90 | 793 |
| USD_IRS_3M_FUT_03YxUSD_QIS_3M_FUT_01Y | 4.3622 | 0.90 | 794 |
| USD_IRS_3M_FUT_02YxUSD_FRA_3M_FUT_24M | 4.0986 | 0.85 | 795 |
| USD_IRS_3M_FUT_02YxUSD_FRA_3M_FUT_18M | 5.0708 | 0.90 | 796 |
| USD_IRS_3M_FUT_02YxUSD_FRA_3M_FUT_12M | 8.0453 | 0.90 | 797 |
| USD_IRS_3M_FUT_02YxUSD_FRA_3M_FUT_06M | 15.8169 | 0.65 | 798 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_30Y | 0.0794 | 0.50 | 799 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_25Y | 0.0878 | 0.55 | 800 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_20Y | 0.0988 | 0.55 | 801 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_15Y | 0.1164 | 0.65 | 802 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_10Y | 0.1547 | 0.70 | 803 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_09Y | 0.1694 | 0.70 | 804 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_08Y | 0.1840 | 0.70 | 805 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_07Y | 0.2025 | 0.75 | 806 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_06Y | 0.2395 | 0.80 | 807 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_05Y | 0.2779 | 0.85 | 808 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_04Y | 0.3544 | 0.85 | 809 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_03Y | 0.5364 | 0.90 | 810 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_02Y | 1.1101 | 0.90 | 811 |
| USD_IRS_3M_FUT_02YxUSD_IRS_1M_FUT_01Y | 5.3080 | 0.75 | 812 |
| USD_IRS_3M_FUT_02YxUSD_FRA_1M_FUT_24M | 12.9503 | 0.90 | 813 |
| USD_IRS_3M_FUT_02YxUSD_FRA_1M_FUT_18M | 15.7831 | 0.90 | 814 |
| USD_IRS_3M_FUT_02YxUSD_FRA_1M_FUT_12M | 13.4263 | 0.70 | 815 |
| USD_IRS_3M_FUT_02YxUSD_FRA_1M_FUT_06M | 63.5464 | 0.45 | 816 |
| USD_IRS_3M_FUT_02YxUSD_OIS_OIS_FUT_02Y | 1.2489 | 0.90 | 817 |
| USD_IRS_3M_FUT_02YxUSD_OIS_OIS_FUT_12M | 7.8621 | 0.65 | 818 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_30Y | 0.0835 | 0.65 | 819 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_25Y | 0.0896 | 0.65 | 820 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_20Y | 0.1072 | 0.65 | 821 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_15Y | 0.1253 | 0.70 | 822 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_10Y | 0.1609 | 0.75 | 823 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_09Y | 0.1739 | 0.75 | 824 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_08Y | 0.1890 | 0.80 | 825 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_07Y | 0.2139 | 0.80 | 826 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_06Y | 0.2428 | 0.85 | 827 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_05Y | 0.2938 | 0.90 | 828 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_04Y | 0.3827 | 0.90 | 829 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_03Y | 0.5879 | 0.90 | 830 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_02Y | 1.0075 | 0.90 | 831 |
| USD_IRS_3M_FUT_02YxUSD_QIS_3M_FUT_01Y | 2.5262 | 0.90 | 832 |
| USD_IRS_3M_FUT_01YxUSD_FRA_3M_FUT_24M | 1.5850 | 0.85 | 833 |
| USD_IRS_3M_FUT_01YxUSD_FRA_3M_FUT_18M | 1.9610 | 0.90 | 834 |
| USD_IRS_3M_FUT_01YxUSD_FRA_3M_FUT_12M | 3.1113 | 0.90 | 835 |
| USD_IRS_3M_FUT_01YxUSD_FRA_3M_FUT_06M | 6.1168 | 0.65 | 836 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_30Y | 0.0307 | 0.50 | 837 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_25Y | 0.0340 | 0.50 | 838 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_20Y | 0.0382 | 0.55 | 839 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_15Y | 0.0450 | 0.60 | 840 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_10Y | 0.0598 | 0.65 | 841 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_09Y | 0.0655 | 0.70 | 842 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_08Y | 0.0712 | 0.70 | 843 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_07Y | 0.0783 | 0.70 | 844 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_06Y | 0.0926 | 0.75 | 845 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_05Y | 0.1075 | 0.85 | 846 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_04Y | 0.1371 | 0.85 | 847 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_03Y | 0.2074 | 0.90 | 848 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_02Y | 0.4293 | 0.90 | 849 |
| USD_IRS_3M_FUT_01YxUSD_IRS_1M_FUT_01Y | 2.0527 | 0.75 | 850 |
| USD_IRS_3M_FUT_01YxUSD_FRA_1M_FUT_24M | 5.0082 | 0.90 | 851 |
| USD_IRS_3M_FUT_01YxUSD_FRA_1M_FUT_18M | 6.1037 | 0.90 | 852 |
| USD_IRS_3M_FUT_01YxUSD_FRA_1M_FUT_12M | 5.1923 | 0.70 | 853 |
| USD_IRS_3M_FUT_01YxUSD_FRA_1M_FUT_06M | 24.5749 | 0.50 | 854 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_FUT_01YxUSD_OIS_OIS_FUT_02Y | 0.4830 | 0.90 | 855 |
| USD_IRS_3M_FUT_01YxUSD_OIS_OIS_FUT_12M | 3.0405 | 0.65 | 856 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_30Y | 0.0323 | 0.60 | 857 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_25Y | 0.0346 | 0.60 | 858 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_20Y | 0.0415 | 0.65 | 859 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_15Y | 0.0484 | 0.65 | 860 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_10Y | 0.0622 | 0.70 | 861 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_09Y | 0.0673 | 0.75 | 862 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_08Y | 0.0731 | 0.75 | 863 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_07Y | 0.0827 | 0.80 | 864 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_06Y | 0.0939 | 0.80 | 865 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_05Y | 0.1136 | 0.85 | 866 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_04Y | 0.1480 | 0.85 | 867 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_03Y | 0.2274 | 0.90 | 868 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_02Y | 0.3896 | 0.90 | 869 |
| USD_IRS_3M_FUT_01YxUSD_QIS_3M_FUT_01Y | 0.9769 | 0.90 | 870 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_30Y | 0.0194 | 0.55 | 871 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_25Y | 0.0214 | 0.55 | 872 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_20Y | 0.0241 | 0.60 | 873 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_15Y | 0.0284 | 0.65 | 874 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_10Y | 0.0377 | 0.70 | 875 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_09Y | 0.0413 | 0.70 | 876 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_08Y | 0.0449 | 0.70 | 877 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_07Y | 0.0494 | 0.70 | 878 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_06Y | 0.0584 | 0.75 | 879 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_05Y | 0.0678 | 0.80 | 880 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_04Y | 0.0865 | 0.85 | 881 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_03Y | 0.1309 | 0.85 | 882 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_02Y | 0.2708 | 0.85 | 883 |
| USD_FRA_3M_FUT_24MxUSD_IRS_1M_FUT_01Y | 1.2951 | 0.60 | 884 |
| USD_FRA_3M_FUT_24MxUSD_FRA_1M_FUT_24M | 3.1597 | 0.90 | 885 |
| USD_FRA_3M_FUT_24MxUSD_FRA_1M_FUT_18M | 3.8509 | 0.90 | 886 |
| USD_FRA_3M_FUT_24MxUSD_FRA_1M_FUT_12M | 3.2759 | 0.65 | 887 |
| USD_FRA_3M_FUT_24MxUSD_FRA_1M_FUT_06M | 15.5046 | 0.00 | 888 |
| USD_FRA_3M_FUT_24MxUSD_OIS_OIS_FUT_02Y | 0.3047 | 0.85 | 889 |
| USD_FRA_3M_FUT_24MxUSD_OIS_OIS_FUT_12M | 1.9183 | 0.50 | 890 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_30Y | 0.0204 | 0.65 | 891 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_25Y | 0.0219 | 0.65 | 892 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_20Y | 0.0262 | 0.65 | 893 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_15Y | 0.0306 | 0.65 | 894 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_10Y | 0.0393 | 0.75 | 895 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_09Y | 0.0424 | 0.75 | 896 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_08Y | 0.0461 | 0.80 | 897 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_07Y | 0.0522 | 0.80 | 898 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_06Y | 0.0592 | 0.80 | 899 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_05Y | 0.0717 | 0.85 | 900 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_04Y | 0.0934 | 0.85 | 901 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_03Y | 0.1434 | 0.85 | 902 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_02Y | 0.2458 | 0.85 | 903 |
| USD_FRA_3M_FUT_24MxUSD_QIS_3M_FUT_01Y | 0.6164 | 0.85 | 904 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_30Y | 0.0157 | 0.60 | 905 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_25Y | 0.0173 | 0.60 | 906 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_20Y | 0.0195 | 0.65 | 907 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_15Y | 0.0229 | 0.70 | 908 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_10Y | 0.0305 | 0.80 | 909 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_09Y | 0.0334 | 0.80 | 910 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_08Y | 0.0363 | 0.80 | 911 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_07Y | 0.0399 | 0.80 | 912 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_06Y | 0.0472 | 0.85 | 913 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_05Y | 0.0548 | 0.90 | 914 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_04Y | 0.0699 | 0.90 | 915 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_03Y | 0.1058 | 0.90 | 916 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_02Y | 0.2189 | 0.90 | 917 |
| USD_FRA_3M_FUT_18MxUSD_IRS_1M_FUT_01Y | 1.0468 | 0.75 | 918 |
| USD_FRA_3M_FUT_18MxUSD_FRA_1M_FUT_24M | 2.5539 | 0.90 | 919 |
| USD_FRA_3M_FUT_18MxUSD_FRA_1M_FUT_18M | 3.1126 | 0.90 | 920 |
| USD_FRA_3M_FUT_18MxUSD_FRA_1M_FUT_12M | 2.6478 | 0.75 | 921 |
| USD_FRA_3M_FUT_18MxUSD_FRA_1M_FUT_06M | 12.5318 | 0.40 | 922 |
| USD_FRA_3M_FUT_18MxUSD_OIS_OIS_FUT_02Y | 0.2463 | 0.90 | 923 |
| USD_FRA_3M_FUT_18MxUSD_OIS_OIS_FUT_12M | 1.5505 | 0.60 | 924 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_30Y | 0.0165 | 0.70 | 925 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_25Y | 0.0177 | 0.70 | 926 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_20Y | 0.0211 | 0.75 | 927 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_15Y | 0.0247 | 0.75 | 928 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_10Y | 0.0317 | 0.80 | 929 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_09Y | 0.0343 | 0.80 | 930 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_08Y | 0.0373 | 0.85 | 931 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_07Y | 0.0422 | 0.85 | 932 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_06Y | 0.0479 | 0.90 | 933 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_05Y | 0.0579 | 0.90 | 934 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_04Y | 0.0755 | 0.90 | 935 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_03Y | 0.1159 | 0.90 | 936 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_02Y | 0.1987 | 0.90 | 937 |
| USD_FRA_3M_FUT_18MxUSD_QIS_3M_FUT_01Y | 0.4982 | 0.90 | 938 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_30Y | 0.0099 | 0.55 | 939 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_25Y | 0.0109 | 0.55 | 940 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_20Y | 0.0123 | 0.60 | 941 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_15Y | 0.0145 | 0.65 | 942 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_10Y | 0.0192 | 0.70 | 943 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_09Y | 0.0211 | 0.70 | 944 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_08Y | 0.0229 | 0.70 | 945 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_07Y | 0.0252 | 0.75 | 946 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_06Y | 0.0298 | 0.80 | 947 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_05Y | 0.0345 | 0.80 | 948 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_04Y | 0.0441 | 0.85 | 949 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_03Y | 0.0667 | 0.90 | 950 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_02Y | 0.1380 | 0.90 | 951 |
| USD_FRA_3M_FUT_12MxUSD_IRS_1M_FUT_01Y | 0.6598 | 0.85 | 952 |
| USD_FRA_3M_FUT_12MxUSD_FRA_1M_FUT_24M | 1.6097 | 0.90 | 953 |
| USD_FRA_3M_FUT_12MxUSD_FRA_1M_FUT_18M | 1.9618 | 0.90 | 954 |
| USD_FRA_3M_FUT_12MxUSD_FRA_1M_FUT_12M | 1.6689 | 0.80 | 955 |
| USD_FRA_3M_FUT_12MxUSD_FRA_1M_FUT_06M | 7.8986 | 0.50 | 956 |
| USD_FRA_3M_FUT_12MxUSD_OIS_OIS_FUT_02Y | 0.1552 | 0.90 | 957 |
| USD_FRA_3M_FUT_12MxUSD_OIS_OIS_FUT_12M | 0.9772 | 0.60 | 958 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_30Y | 0.0104 | 0.65 | 959 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_25Y | 0.0111 | 0.65 | 960 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_20Y | 0.0133 | 0.65 | 961 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_15Y | 0.0156 | 0.70 | 962 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_10Y | 0.0200 | 0.75 | 963 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_09Y | 0.0216 | 0.75 | 964 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_08Y | 0.0235 | 0.75 | 965 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_07Y | 0.0266 | 0.80 | 966 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_06Y | 0.0302 | 0.80 | 967 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_05Y | 0.0365 | 0.85 | 968 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_04Y | 0.0476 | 0.85 | 969 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_03Y | 0.0731 | 0.90 | 970 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_02Y | 0.1252 | 0.90 | 971 |
| USD_FRA_3M_FUT_12MxUSD_QIS_3M_FUT_01Y | 0.3140 | 0.90 | 972 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_30Y | 0.0050 | 0.00 | 973 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_25Y | 0.0056 | 0.00 | 974 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_20Y | 0.0062 | 0.00 | 975 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_15Y | 0.0074 | 0.40 | 976 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_10Y | 0.0098 | 0.45 | 977 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_09Y | 0.0107 | 0.45 | 978 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_08Y | 0.0116 | 0.45 | 979 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_07Y | 0.0128 | 0.45 | 980 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_06Y | 0.0151 | 0.50 | 981 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_05Y | 0.0176 | 0.55 | 982 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_04Y | 0.0224 | 0.55 | 983 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_03Y | 0.0339 | 0.60 | 984 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_02Y | 0.0702 | 0.70 | 985 |
| USD_FRA_3M_FUT_06MxUSD_IRS_1M_FUT_01Y | 0.3356 | 0.90 | 986 |
| USD_FRA_3M_FUT_06MxUSD_FRA_1M_FUT_24M | 0.8188 | 0.60 | 987 |
| USD_FRA_3M_FUT_06MxUSD_FRA_1M_FUT_18M | 0.9979 | 0.60 | 988 |
| USD_FRA_3M_FUT_06MxUSD_FRA_1M_FUT_12M | 0.8489 | 0.65 | 989 |
| USD_FRA_3M_FUT_06MxUSD_FRA_1M_FUT_06M | 4.0176 | 0.60 | 990 |
| USD_FRA_3M_FUT_06MxUSD_OIS_OIS_FUT_02Y | 0.0790 | 0.55 | 991 |
| USD_FRA_3M_FUT_06MxUSD_OIS_OIS_FUT_12M | 0.4971 | 0.45 | 992 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_30Y | 0.0053 | 0.40 | 993 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_25Y | 0.0057 | 0.40 | 994 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_20Y | 0.0068 | 0.40 | 995 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_15Y | 0.0079 | 0.45 | 996 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_10Y | 0.0102 | 0.45 | 997 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_09Y | 0.0110 | 0.45 | 998 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_08Y | 0.0119 | 0.50 | 999 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_07Y | 0.0135 | 0.50 | 1000 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_06Y | 0.0154 | 0.55 | 1001 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_05Y | 0.0186 | 0.55 | 1002 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_04Y | 0.0242 | 0.60 | 1003 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_03Y | 0.0372 | 0.65 | 1004 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_02Y | 0.0637 | 0.65 | 1005 |
| USD_FRA_3M_FUT_06MxUSD_QIS_3M_FUT_01Y | 0.1597 | 0.70 | 1006 |
| USD_IRS_1M_FUT_30YxUSD_FRA_1M_FUT_24M | 163.0847 | 0.60 | 1007 |
| USD_IRS_1M_FUT_30YxUSD_FRA_1M_FUT_18M | 198.7595 | 0.60 | 1008 |
| USD_IRS_1M_FUT_30YxUSD_FRA_1M_FUT_12M | 169.0801 | 0.50 | 1009 |
| USD_IRS_1M_FUT_30YxUSD_FRA_1M_FUT_06M | 800.2496 | 0.00 | 1010 |
| USD_IRS_1M_FUT_30YxUSD_OIS_OIS_FUT_02Y | 15.7274 | 0.55 | 1011 |
| USD_IRS_1M_FUT_30YxUSD_OIS_OIS_FUT_12M | 99.0090 | 0.00 | 1012 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_30Y | 1.0515 | 0.85 | 1013 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_25Y | 1.1278 | 0.85 | 1014 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_20Y | 1.3500 | 0.85 | 1015 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_15Y | 1.5777 | 0.80 | 1016 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_10Y | 2.0268 | 0.80 | 1017 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_09Y | 2.1904 | 0.80 | 1018 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_08Y | 2.3795 | 0.80 | 1019 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_07Y | 2.6933 | 0.75 | 1020 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_06Y | 3.0579 | 0.70 | 1021 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_05Y | 3.7002 | 0.70 | 1022 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_04Y | 4.8189 | 0.65 | 1023 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_03Y | 7.4038 | 0.60 | 1024 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_02Y | 12.6870 | 0.50 | 1025 |
| USD_IRS_1M_FUT_30YxUSD_QIS_3M_FUT_01Y | 31.8123 | 0.50 | 1026 |
| USD_IRS_1M_FUT_25YxUSD_FRA_1M_FUT_24M | 147.4234 | 0.60 | 1027 |
| USD_IRS_1M_FUT_25YxUSD_FRA_1M_FUT_18M | 179.6722 | 0.60 | 1028 |
| USD_IRS_1M_FUT_25YxUSD_FRA_1M_FUT_12M | 152.8430 | 0.50 | 1029 |
| USD_IRS_1M_FUT_25YxUSD_FRA_1M_FUT_06M | 723.4002 | 0.00 | 1030 |
| USD_IRS_1M_FUT_25YxUSD_OIS_OIS_FUT_02Y | 14.2170 | 0.60 | 1031 |
| USD_IRS_1M_FUT_25YxUSD_OIS_OIS_FUT_12M | 89.5010 | 0.00 | 1032 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_30Y | 0.9505 | 0.85 | 1033 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_25Y | 1.0195 | 0.85 | 1034 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_20Y | 1.2204 | 0.85 | 1035 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_15Y | 1.4262 | 0.85 | 1036 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_10Y | 1.8322 | 0.85 | 1037 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_09Y | 1.9801 | 0.80 | 1038 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_08Y | 2.1510 | 0.80 | 1039 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_07Y | 2.4347 | 0.75 | 1040 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_06Y | 2.7642 | 0.75 | 1041 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_05Y | 3.3448 | 0.70 | 1042 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_04Y | 4.3561 | 0.70 | 1043 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_03Y | 6.6928 | 0.60 | 1044 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_02Y | 11.4687 | 0.55 | 1045 |
| USD_IRS_1M_FUT_25YxUSD_QIS_3M_FUT_01Y | 28.7573 | 0.55 | 1046 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_FUT_20YxUSD_FRA_1M_FUT_24M | 131.0546 | 0.65 | 1047 |
| USD_IRS_1M_FUT_20YxUSD_FRA_1M_FUT_18M | 159.7228 | 0.60 | 1048 |
| USD_IRS_1M_FUT_20YxUSD_FRA_1M_FUT_12M | 135.8724 | 0.55 | 1049 |
| USD_IRS_1M_FUT_20YxUSD_FRA_1M_FUT_06M | 643.0792 | 0.00 | 1050 |
| USD_IRS_1M_FUT_20YxUSD_OIS_OIS_FUT_02Y | 12.6385 | 0.60 | 1051 |
| USD_IRS_1M_FUT_20YxUSD_OIS_OIS_FUT_12M | 79.5635 | 0.00 | 1052 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_30Y | 0.8450 | 0.85 | 1053 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_25Y | 0.9063 | 0.85 | 1054 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_20Y | 1.0849 | 0.90 | 1055 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_15Y | 1.2678 | 0.85 | 1056 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_10Y | 1.6287 | 0.85 | 1057 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_09Y | 1.7602 | 0.85 | 1058 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_08Y | 1.9122 | 0.80 | 1059 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_07Y | 2.1643 | 0.80 | 1060 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_06Y | 2.4573 | 0.75 | 1061 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_05Y | 2.9734 | 0.75 | 1062 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_04Y | 3.8725 | 0.70 | 1063 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_03Y | 5.9496 | 0.65 | 1064 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_02Y | 10.1953 | 0.55 | 1065 |
| USD_IRS_1M_FUT_20YxUSD_QIS_3M_FUT_01Y | 25.5643 | 0.55 | 1066 |
| USD_IRS_1M_FUT_15YxUSD_FRA_1M_FUT_24M | 111.2919 | 0.70 | 1067 |
| USD_IRS_1M_FUT_15YxUSD_FRA_1M_FUT_18M | 135.6370 | 0.70 | 1068 |
| USD_IRS_1M_FUT_15YxUSD_FRA_1M_FUT_12M | 115.3832 | 0.55 | 1069 |
| USD_IRS_1M_FUT_15YxUSD_FRA_1M_FUT_06M | 546.1045 | 0.00 | 1070 |
| USD_IRS_1M_FUT_15YxUSD_OIS_OIS_FUT_02Y | 10.7326 | 0.70 | 1071 |
| USD_IRS_1M_FUT_15YxUSD_OIS_OIS_FUT_12M | 67.5655 | 0.00 | 1072 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_30Y | 0.7176 | 0.90 | 1073 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_25Y | 0.7696 | 0.90 | 1074 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_20Y | 0.9213 | 0.90 | 1075 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_15Y | 1.0766 | 0.90 | 1076 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_10Y | 1.3831 | 0.90 | 1077 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_09Y | 1.4948 | 0.90 | 1078 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_08Y | 1.6238 | 0.90 | 1079 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_07Y | 1.8380 | 0.85 | 1080 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_06Y | 2.0867 | 0.85 | 1081 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_05Y | 2.5251 | 0.80 | 1082 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_04Y | 3.2885 | 0.80 | 1083 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_03Y | 5.0525 | 0.70 | 1084 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_02Y | 8.6578 | 0.60 | 1085 |
| USD_IRS_1M_FUT_15YxUSD_QIS_3M_FUT_01Y | 21.7093 | 0.60 | 1086 |
| USD_IRS_1M_FUT_10YxUSD_FRA_1M_FUT_24M | 83.7143 | 0.80 | 1087 |
| USD_IRS_1M_FUT_10YxUSD_FRA_1M_FUT_18M | 102.0267 | 0.75 | 1088 |
| USD_IRS_1M_FUT_10YxUSD_FRA_1M_FUT_12M | 86.7918 | 0.65 | 1089 |
| USD_IRS_1M_FUT_10YxUSD_FRA_1M_FUT_06M | 410.7823 | 0.00 | 1090 |
| USD_IRS_1M_FUT_10YxUSD_OIS_OIS_FUT_02Y | 8.0731 | 0.75 | 1091 |
| USD_IRS_1M_FUT_10YxUSD_OIS_OIS_FUT_12M | 50.8231 | 0.40 | 1092 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_30Y | 0.5398 | 0.90 | 1093 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_25Y | 0.5789 | 0.90 | 1094 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_20Y | 0.6930 | 0.90 | 1095 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_15Y | 0.8098 | 0.90 | 1096 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_10Y | 1.0404 | 0.90 | 1097 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_09Y | 1.1244 | 0.90 | 1098 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_08Y | 1.2214 | 0.90 | 1099 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_07Y | 1.3825 | 0.90 | 1100 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_06Y | 1.5697 | 0.90 | 1101 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_05Y | 1.8994 | 0.90 | 1102 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_04Y | 2.4736 | 0.85 | 1103 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_03Y | 3.8005 | 0.80 | 1104 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_02Y | 6.5125 | 0.70 | 1105 |
| USD_IRS_1M_FUT_10YxUSD_QIS_3M_FUT_01Y | 16.3298 | 0.70 | 1106 |
| USD_IRS_1M_FUT_09YxUSD_FRA_1M_FUT_24M | 76.4564 | 0.80 | 1107 |
| USD_IRS_1M_FUT_09YxUSD_FRA_1M_FUT_18M | 93.1813 | 0.75 | 1108 |
| USD_IRS_1M_FUT_09YxUSD_FRA_1M_FUT_12M | 79.2671 | 0.65 | 1109 |
| USD_IRS_1M_FUT_09YxUSD_FRA_1M_FUT_06M | 375.1684 | 0.00 | 1110 |
| USD_IRS_1M_FUT_09YxUSD_OIS_OIS_FUT_02Y | 7.3732 | 0.75 | 1111 |
| USD_IRS_1M_FUT_09YxUSD_OIS_OIS_FUT_12M | 46.4168 | 0.40 | 1112 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_30Y | 0.4930 | 0.85 | 1113 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_25Y | 0.5287 | 0.90 | 1114 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_20Y | 0.6329 | 0.90 | 1115 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_15Y | 0.7396 | 0.90 | 1116 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_10Y | 0.9502 | 0.90 | 1117 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_09Y | 1.0269 | 0.90 | 1118 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_08Y | 1.1155 | 0.90 | 1119 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_07Y | 1.2627 | 0.90 | 1120 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_06Y | 1.4336 | 0.90 | 1121 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_05Y | 1.7347 | 0.90 | 1122 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_04Y | 2.2592 | 0.85 | 1123 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_03Y | 3.4710 | 0.80 | 1124 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_02Y | 5.9479 | 0.70 | 1125 |
| USD_IRS_1M_FUT_09YxUSD_QIS_3M_FUT_01Y | 14.9141 | 0.70 | 1126 |
| USD_IRS_1M_FUT_08YxUSD_FRA_1M_FUT_24M | 70.3812 | 0.80 | 1127 |
| USD_IRS_1M_FUT_08YxUSD_FRA_1M_FUT_18M | 85.7771 | 0.75 | 1128 |
| USD_IRS_1M_FUT_08YxUSD_FRA_1M_FUT_12M | 72.9686 | 0.60 | 1129 |
| USD_IRS_1M_FUT_08YxUSD_FRA_1M_FUT_06M | 345.3578 | 0.00 | 1130 |
| USD_IRS_1M_FUT_08YxUSD_OIS_OIS_FUT_02Y | 6.7873 | 0.75 | 1131 |
| USD_IRS_1M_FUT_08YxUSD_OIS_OIS_FUT_12M | 42.7286 | 0.40 | 1132 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_30Y | 0.4538 | 0.85 | 1133 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_25Y | 0.4867 | 0.85 | 1134 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_20Y | 0.5826 | 0.90 | 1135 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_15Y | 0.6809 | 0.90 | 1136 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_10Y | 0.8747 | 0.90 | 1137 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_09Y | 0.9453 | 0.90 | 1138 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_08Y | 1.0269 | 0.90 | 1139 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_07Y | 1.1623 | 0.90 | 1140 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_06Y | 1.3197 | 0.90 | 1141 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_05Y | 1.5968 | 0.90 | 1142 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_04Y | 2.0797 | 0.85 | 1143 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_03Y | 3.1952 | 0.80 | 1144 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_02Y | 5.4752 | 0.70 | 1145 |
| USD_IRS_1M_FUT_08YxUSD_QIS_3M_FUT_01Y | 13.7290 | 0.70 | 1146 |
| USD_IRS_1M_FUT_07YxUSD_FRA_1M_FUT_24M | 63.9365 | 0.80 | 1147 |
| USD_IRS_1M_FUT_07YxUSD_FRA_1M_FUT_18M | 77.9226 | 0.75 | 1148 |
| USD_IRS_1M_FUT_07YxUSD_FRA_1M_FUT_12M | 66.2869 | 0.60 | 1149 |
| USD_IRS_1M_FUT_07YxUSD_FRA_1M_FUT_06M | 313.7336 | 0.00 | 1150 |
| USD_IRS_1M_FUT_07YxUSD_OIS_OIS_FUT_02Y | 6.1658 | 0.75 | 1151 |
| USD_IRS_1M_FUT_07YxUSD_OIS_OIS_FUT_12M | 38.8160 | 0.45 | 1152 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_30Y | 0.4122 | 0.80 | 1153 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_25Y | 0.4422 | 0.85 | 1154 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_20Y | 0.5293 | 0.85 | 1155 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_15Y | 0.6185 | 0.90 | 1156 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_10Y | 0.7946 | 0.90 | 1157 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_09Y | 0.8587 | 0.90 | 1158 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_08Y | 0.9329 | 0.90 | 1159 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_07Y | 1.0559 | 0.90 | 1160 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_06Y | 1.1988 | 0.90 | 1161 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_05Y | 1.4506 | 0.90 | 1162 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_04Y | 1.8892 | 0.85 | 1163 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_03Y | 2.9026 | 0.80 | 1164 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_02Y | 4.9739 | 0.75 | 1165 |
| USD_IRS_1M_FUT_07YxUSD_QIS_3M_FUT_01Y | 12.4719 | 0.70 | 1166 |
| USD_IRS_1M_FUT_06YxUSD_FRA_1M_FUT_24M | 54.0754 | 0.85 | 1167 |
| USD_IRS_1M_FUT_06YxUSD_FRA_1M_FUT_18M | 65.9044 | 0.85 | 1168 |
| USD_IRS_1M_FUT_06YxUSD_FRA_1M_FUT_12M | 56.0634 | 0.65 | 1169 |
| USD_IRS_1M_FUT_06YxUSD_FRA_1M_FUT_06M | 265.3459 | 0.00 | 1170 |
| USD_IRS_1M_FUT_06YxUSD_OIS_OIS_FUT_02Y | 5.2149 | 0.80 | 1171 |
| USD_IRS_1M_FUT_06YxUSD_OIS_OIS_FUT_12M | 32.8293 | 0.45 | 1172 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_30Y | 0.3487 | 0.80 | 1173 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_25Y | 0.3740 | 0.80 | 1174 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_20Y | 0.4476 | 0.85 | 1175 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_15Y | 0.5231 | 0.90 | 1176 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_10Y | 0.6720 | 0.90 | 1177 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_09Y | 0.7263 | 0.90 | 1178 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_08Y | 0.7890 | 0.90 | 1179 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_07Y | 0.8930 | 0.90 | 1180 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_06Y | 1.0139 | 0.90 | 1181 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_05Y | 1.2269 | 0.90 | 1182 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_04Y | 1.5979 | 0.90 | 1183 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_03Y | 2.4549 | 0.85 | 1184 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_02Y | 4.2067 | 0.80 | 1185 |
| USD_IRS_1M_FUT_06YxUSD_QIS_3M_FUT_01Y | 10.5483 | 0.80 | 1186 |
| USD_IRS_1M_FUT_05YxUSD_FRA_1M_FUT_24M | 46.5967 | 0.90 | 1187 |
| USD_IRS_1M_FUT_05YxUSD_FRA_1M_FUT_18M | 56.7897 | 0.85 | 1188 |
| USD_IRS_1M_FUT_05YxUSD_FRA_1M_FUT_12M | 48.3097 | 0.70 | 1189 |
| USD_IRS_1M_FUT_05YxUSD_FRA_1M_FUT_06M | 228.6480 | 0.00 | 1190 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_FUT_05YxUSD_OIS_OIS_FUT_02Y | 4.4936 | 0.85 | 1191 |
| USD_IRS_1M_FUT_05YxUSD_OIS_OIS_FUT_12M | 28.2889 | 0.50 | 1192 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_30Y | 0.3004 | 0.75 | 1193 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_25Y | 0.3222 | 0.80 | 1194 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_20Y | 0.3857 | 0.80 | 1195 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_15Y | 0.4508 | 0.85 | 1196 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_10Y | 0.5791 | 0.85 | 1197 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_09Y | 0.6258 | 0.90 | 1198 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_08Y | 0.6799 | 0.90 | 1199 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_07Y | 0.7695 | 0.90 | 1200 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_06Y | 0.8737 | 0.90 | 1201 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_05Y | 1.0572 | 0.90 | 1202 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_04Y | 1.3769 | 0.90 | 1203 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_03Y | 2.1154 | 0.90 | 1204 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_02Y | 3.6249 | 0.85 | 1205 |
| USD_IRS_1M_FUT_05YxUSD_QIS_3M_FUT_01Y | 9.0894 | 0.85 | 1206 |
| USD_IRS_1M_FUT_04YxUSD_FRA_1M_FUT_24M | 36.5409 | 0.90 | 1207 |
| USD_IRS_1M_FUT_04YxUSD_FRA_1M_FUT_18M | 44.5342 | 0.90 | 1208 |
| USD_IRS_1M_FUT_04YxUSD_FRA_1M_FUT_12M | 37.8842 | 0.70 | 1209 |
| USD_IRS_1M_FUT_04YxUSD_FRA_1M_FUT_06M | 179.3047 | 0.00 | 1210 |
| USD_IRS_1M_FUT_04YxUSD_OIS_OIS_FUT_02Y | 3.5239 | 0.90 | 1211 |
| USD_IRS_1M_FUT_04YxUSD_OIS_OIS_FUT_12M | 22.1841 | 0.55 | 1212 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_30Y | 0.2356 | 0.75 | 1213 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_25Y | 0.2527 | 0.75 | 1214 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_20Y | 0.3025 | 0.80 | 1215 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_15Y | 0.3535 | 0.80 | 1216 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_10Y | 0.4541 | 0.85 | 1217 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_09Y | 0.4908 | 0.85 | 1218 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_08Y | 0.5332 | 0.90 | 1219 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_07Y | 0.6035 | 0.90 | 1220 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_06Y | 0.6851 | 0.90 | 1221 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_05Y | 0.8291 | 0.90 | 1222 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_04Y | 1.0797 | 0.90 | 1223 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_03Y | 1.6589 | 0.90 | 1224 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_02Y | 2.8427 | 0.85 | 1225 |
| USD_IRS_1M_FUT_04YxUSD_QIS_3M_FUT_01Y | 7.1279 | 0.85 | 1226 |
| USD_IRS_1M_FUT_03YxUSD_FRA_1M_FUT_24M | 24.1442 | 0.90 | 1227 |
| USD_IRS_1M_FUT_03YxUSD_FRA_1M_FUT_18M | 29.4257 | 0.90 | 1228 |
| USD_IRS_1M_FUT_03YxUSD_FRA_1M_FUT_12M | 25.0318 | 0.70 | 1229 |
| USD_IRS_1M_FUT_03YxUSD_FRA_1M_FUT_06M | 118.4745 | 0.40 | 1230 |
| USD_IRS_1M_FUT_03YxUSD_OIS_OIS_FUT_02Y | 2.3284 | 0.90 | 1231 |
| USD_IRS_1M_FUT_03YxUSD_OIS_OIS_FUT_12M | 14.6580 | 0.60 | 1232 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_30Y | 0.1557 | 0.70 | 1233 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_25Y | 0.1670 | 0.70 | 1234 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_20Y | 0.1999 | 0.75 | 1235 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_15Y | 0.2336 | 0.75 | 1236 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_10Y | 0.3001 | 0.80 | 1237 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_09Y | 0.3243 | 0.80 | 1238 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_08Y | 0.3523 | 0.85 | 1239 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_07Y | 0.3987 | 0.85 | 1240 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_06Y | 0.4527 | 0.90 | 1241 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_05Y | 0.5478 | 0.90 | 1242 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_04Y | 0.7134 | 0.90 | 1243 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_03Y | 1.0961 | 0.90 | 1244 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_02Y | 1.8783 | 0.90 | 1245 |
| USD_IRS_1M_FUT_03YxUSD_QIS_3M_FUT_01Y | 4.7097 | 0.90 | 1246 |
| USD_IRS_1M_FUT_02YxUSD_FRA_1M_FUT_24M | 11.6662 | 0.90 | 1247 |
| USD_IRS_1M_FUT_02YxUSD_FRA_1M_FUT_18M | 14.2182 | 0.90 | 1248 |
| USD_IRS_1M_FUT_02YxUSD_FRA_1M_FUT_12M | 12.0951 | 0.75 | 1249 |
| USD_IRS_1M_FUT_02YxUSD_FRA_1M_FUT_06M | 57.2455 | 0.50 | 1250 |
| USD_IRS_1M_FUT_02YxUSD_OIS_OIS_FUT_02Y | 1.1251 | 0.90 | 1251 |
| USD_IRS_1M_FUT_02YxUSD_OIS_OIS_FUT_12M | 7.0826 | 0.60 | 1252 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_30Y | 0.0752 | 0.65 | 1253 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_25Y | 0.0807 | 0.65 | 1254 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_20Y | 0.0966 | 0.70 | 1255 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_15Y | 0.1129 | 0.70 | 1256 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_10Y | 0.1450 | 0.75 | 1257 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_09Y | 0.1567 | 0.80 | 1258 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_08Y | 0.1702 | 0.80 | 1259 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_07Y | 0.1927 | 0.85 | 1260 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_06Y | 0.2187 | 0.85 | 1261 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_05Y | 0.2647 | 0.90 | 1262 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_04Y | 0.3447 | 0.90 | 1263 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_03Y | 0.5296 | 0.90 | 1264 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_02Y | 0.9076 | 0.90 | 1265 |
| USD_IRS_1M_FUT_02YxUSD_QIS_3M_FUT_01Y | 2.2757 | 0.90 | 1266 |
| USD_IRS_1M_FUT_01YxUSD_FRA_1M_FUT_24M | 2.4398 | 0.70 | 1267 |
| USD_IRS_1M_FUT_01YxUSD_FRA_1M_FUT_18M | 2.9735 | 0.70 | 1268 |
| USD_IRS_1M_FUT_01YxUSD_FRA_1M_FUT_12M | 2.5295 | 0.75 | 1269 |
| USD_IRS_1M_FUT_01YxUSD_FRA_1M_FUT_06M | 11.9719 | 0.60 | 1270 |
| USD_IRS_1M_FUT_01YxUSD_OIS_OIS_FUT_02Y | 0.2353 | 0.70 | 1271 |
| USD_IRS_1M_FUT_01YxUSD_OIS_OIS_FUT_12M | 1.4812 | 0.55 | 1272 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_30Y | 0.0157 | 0.45 | 1273 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_25Y | 0.0169 | 0.45 | 1274 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_20Y | 0.0202 | 0.50 | 1275 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_15Y | 0.0236 | 0.50 | 1276 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_10Y | 0.0303 | 0.55 | 1277 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_09Y | 0.0328 | 0.55 | 1278 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_08Y | 0.0356 | 0.60 | 1279 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_07Y | 0.0403 | 0.60 | 1280 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_06Y | 0.0457 | 0.65 | 1281 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_05Y | 0.0554 | 0.65 | 1282 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_04Y | 0.0721 | 0.70 | 1283 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_03Y | 0.1108 | 0.75 | 1284 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_02Y | 0.1898 | 0.75 | 1285 |
| USD_IRS_1M_FUT_01YxUSD_QIS_3M_FUT_01Y | 0.4759 | 0.80 | 1286 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_1M_FUT_24MxUSD_OIS_OIS_FUT_02Y | 0.0964 | 0.90 | 1287 |
| USD_FRA_1M_FUT_24MxUSD_OIS_OIS_FUT_12M | 0.6071 | 0.60 | 1288 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_30Y | 0.0064 | 0.70 | 1289 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_25Y | 0.0069 | 0.70 | 1290 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_20Y | 0.0083 | 0.75 | 1291 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_15Y | 0.0097 | 0.75 | 1292 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_10Y | 0.0124 | 0.80 | 1293 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_09Y | 0.0134 | 0.85 | 1294 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_08Y | 0.0146 | 0.85 | 1295 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_07Y | 0.0165 | 0.90 | 1296 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_06Y | 0.0188 | 0.90 | 1297 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_05Y | 0.0227 | 0.90 | 1298 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_04Y | 0.0295 | 0.90 | 1299 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_03Y | 0.0454 | 0.90 | 1300 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_02Y | 0.0778 | 0.90 | 1301 |
| USD_FRA_1M_FUT_24MxUSD_QIS_3M_FUT_01Y | 0.1951 | 0.90 | 1302 |
| USD_FRA_1M_FUT_18MxUSD_OIS_OIS_FUT_02Y | 0.0791 | 0.90 | 1303 |
| USD_FRA_1M_FUT_18MxUSD_OIS_OIS_FUT_12M | 0.4981 | 0.60 | 1304 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_30Y | 0.0053 | 0.70 | 1305 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_25Y | 0.0057 | 0.70 | 1306 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_20Y | 0.0068 | 0.70 | 1307 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_15Y | 0.0079 | 0.75 | 1308 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_10Y | 0.0102 | 0.80 | 1309 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_09Y | 0.0110 | 0.80 | 1310 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_08Y | 0.0120 | 0.80 | 1311 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_07Y | 0.0136 | 0.85 | 1312 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_06Y | 0.0154 | 0.85 | 1313 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_05Y | 0.0186 | 0.90 | 1314 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_04Y | 0.0242 | 0.90 | 1315 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_03Y | 0.0372 | 0.90 | 1316 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_02Y | 0.0638 | 0.90 | 1317 |
| USD_FRA_1M_FUT_18MxUSD_QIS_3M_FUT_01Y | 0.1601 | 0.90 | 1318 |
| USD_FRA_1M_FUT_12MxUSD_OIS_OIS_FUT_02Y | 0.0930 | 0.70 | 1319 |
| USD_FRA_1M_FUT_12MxUSD_OIS_OIS_FUT_12M | 0.5856 | 0.40 | 1320 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_30Y | 0.0062 | 0.55 | 1321 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_25Y | 0.0067 | 0.55 | 1322 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_20Y | 0.0080 | 0.55 | 1323 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_15Y | 0.0093 | 0.60 | 1324 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_10Y | 0.0120 | 0.65 | 1325 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_09Y | 0.0130 | 0.65 | 1326 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_08Y | 0.0141 | 0.65 | 1327 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_07Y | 0.0159 | 0.65 | 1328 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_06Y | 0.0181 | 0.70 | 1329 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_05Y | 0.0219 | 0.70 | 1330 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_04Y | 0.0285 | 0.70 | 1331 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_03Y | 0.0438 | 0.70 | 1332 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_02Y | 0.0750 | 0.70 | 1333 |
| USD_FRA_1M_FUT_12MxUSD_QIS_3M_FUT_01Y | 0.1881 | 0.70 | 1334 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_1M_FUT_06MxUSD_OIS_OIS_FUT_02Y | 0.0197 | 0.40 | 1335 |
| USD_FRA_1M_FUT_06MxUSD_OIS_OIS_FUT_12M | 0.1237 | 0.45 | 1336 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_30Y | 0.0013 | 0.00 | 1337 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_25Y | 0.0014 | 0.00 | 1338 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_20Y | 0.0017 | 0.00 | 1339 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_15Y | 0.0020 | 0.00 | 1340 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_10Y | 0.0025 | 0.00 | 1341 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_09Y | 0.0027 | 0.00 | 1342 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_08Y | 0.0030 | 0.00 | 1343 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_07Y | 0.0034 | 0.00 | 1344 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_06Y | 0.0038 | 0.00 | 1345 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_05Y | 0.0046 | 0.00 | 1346 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_04Y | 0.0060 | 0.40 | 1347 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_03Y | 0.0093 | 0.45 | 1348 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_02Y | 0.0159 | 0.45 | 1349 |
| USD_FRA_1M_FUT_06MxUSD_QIS_3M_FUT_01Y | 0.0398 | 0.50 | 1350 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_30Y | 0.0669 | 0.70 | 1351 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_25Y | 0.0717 | 0.70 | 1352 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_20Y | 0.0858 | 0.70 | 1353 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_15Y | 0.1003 | 0.75 | 1354 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_10Y | 0.1289 | 0.80 | 1355 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_09Y | 0.1393 | 0.80 | 1356 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_08Y | 0.1513 | 0.80 | 1357 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_07Y | 0.1712 | 0.85 | 1358 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_06Y | 0.1944 | 0.85 | 1359 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_05Y | 0.2353 | 0.90 | 1360 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_04Y | 0.3064 | 0.90 | 1361 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_03Y | 0.4708 | 0.90 | 1362 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_02Y | 0.8067 | 0.90 | 1363 |
| USD_OIS_OIS_FUT_02YxUSD_QIS_3M_FUT_01Y | 2.0227 | 0.90 | 1364 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_30Y | 0.0106 | 0.00 | 1365 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_25Y | 0.0114 | 0.00 | 1366 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_20Y | 0.0136 | 0.40 | 1367 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_15Y | 0.0159 | 0.40 | 1368 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_10Y | 0.0205 | 0.40 | 1369 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_09Y | 0.0221 | 0.45 | 1370 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_08Y | 0.0240 | 0.45 | 1371 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_07Y | 0.0272 | 0.50 | 1372 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_06Y | 0.0309 | 0.50 | 1373 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_05Y | 0.0374 | 0.50 | 1374 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_04Y | 0.0487 | 0.55 | 1375 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_03Y | 0.0748 | 0.60 | 1376 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_02Y | 0.1281 | 0.60 | 1377 |
| USD_OIS_OIS_FUT_12MxUSD_QIS_3M_FUT_01Y | 0.3213 | 0.60 | 1378 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_30Y | 1.0000 | 0.90 | 1379 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_25Y | 1.0000 | 0.90 | 1380 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_20Y | 1.0000 | 0.90 | 1381 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_15Y | 1.0000 | 0.90 | 1382 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_12Y | 1.0000 | 0.90 | 1383 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_10Y | 1.0000 | 0.90 | 1384 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_09Y | 1.0000 | 0.90 | 1385 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_08Y | 1.0000 | 0.90 | 1386 |
| USD_IRS_3M_OTC_07YxUSD_IRS_3M_OTC_07Y | 1.0000 | 0.90 | 1387 |
| USD_IRS_3M_OTC_06YxUSD_IRS_3M_OTC_06Y | 1.0000 | 0.90 | 1388 |
| USD_IRS_3M_OTC_05YxUSD_IRS_3M_OTC_05Y | 1.0000 | 0.90 | 1389 |
| USD_IRS_3M_OTC_04YxUSD_IRS_3M_OTC_04Y | 1.0000 | 0.90 | 1390 |
| USD_IRS_3M_OTC_03YxUSD_IRS_3M_OTC_03Y | 1.0000 | 0.90 | 1391 |
| USD_IRS_3M_OTC_02YxUSD_IRS_3M_OTC_02Y | 1.0000 | 0.90 | 1392 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_23M | 1.0000 | 0.90 | 1393 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_22M | 1.0000 | 0.90 | 1394 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_21M | 1.0000 | 0.90 | 1395 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_20M | 1.0000 | 0.90 | 1396 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_19M | 1.0000 | 0.90 | 1397 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_18M | 1.0000 | 0.90 | 1398 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_17M | 1.0000 | 0.90 | 1399 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_16M | 1.0000 | 0.90 | 1400 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_15M | 1.0000 | 0.90 | 1401 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_14M | 1.0000 | 0.90 | 1402 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_13M | 1.0000 | 0.90 | 1403 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_12M | 1.0000 | 0.90 | 1404 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_11M | 1.0000 | 0.90 | 1405 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_10M | 1.0000 | 0.90 | 1406 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_09M | 1.0000 | 0.90 | 1407 |
| USD_FRA_3M_OTC_08MxUSD_FRA_3M_OTC_08M | 1.0000 | 0.90 | 1408 |
| USD_FRA_3M_OTC_07MxUSD_FRA_3M_OTC_07M | 1.0000 | 0.90 | 1409 |
| USD_FRA_3M_OTC_06MxUSD_FRA_3M_OTC_06M | 1.0000 | 0.90 | 1410 |
| USD_FRA_3M_OTC_05MxUSD_FRA_3M_OTC_05M | 1.0000 | 0.90 | 1411 |
| USD_FRA_3M_OTC_04MxUSD_FRA_3M_OTC_04M | 1.0000 | 0.90 | 1412 |
| USD_FRA_3M_OTC_03MxUSD_FRA_3M_OTC_03M | 1.0000 | 0.90 | 1413 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_30Y | 1.0000 | 0.90 | 1414 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_25Y | 1.0000 | 0.90 | 1415 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_20Y | 1.0000 | 0.90 | 1416 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_15Y | 1.0000 | 0.90 | 1417 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_12Y | 1.0000 | 0.90 | 1418 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_10Y | 1.0000 | 0.90 | 1419 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_07Y | 1.0000 | 0.90 | 1420 |
| USD_IRS_1M_OTC_05YxUSD_IRS_1M_OTC_05Y | 1.0000 | 0.90 | 1421 |
| USD_IRS_1M_OTC_04YxUSD_IRS_1M_OTC_04Y | 1.0000 | 0.90 | 1422 |
| USD_IRS_1M_OTC_03YxUSD_IRS_1M_OTC_03Y | 1.0000 | 0.90 | 1423 |
| USD_IRS_1M_OTC_02YxUSD_IRS_1M_OTC_02Y | 1.0000 | 0.90 | 1424 |
| USD_IRS_1M_OTC_18MxUSD_IRS_1M_OTC_18M | 1.0000 | 0.90 | 1425 |
| USD_IRS_1M_OTC_01YxUSD_IRS_1M_OTC_01Y | 1.0000 | 0.90 | 1426 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_11M | 1.0000 | 0.90 | 1427 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_10M | 1.0000 | 0.90 | 1428 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_09M | 1.0000 | 0.90 | 1429 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_08M | 1.0000 | 0.90 | 1430 |

| ID | Offset Ratio | Relief Rate | Priority |
|---|--------------|-------------|----------|
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_07M | 1.0000 | 0.90 | 1431 |
| USD_FRA_1M_OTC_06MxUSD_FRA_1M_OTC_06M | 1.0000 | 0.90 | 1432 |
| USD_FRA_1M_OTC_05MxUSD_FRA_1M_OTC_05M | 1.0000 | 0.90 | 1433 |
| USD_FRA_1M_OTC_04MxUSD_FRA_1M_OTC_04M | 1.0000 | 0.90 | 1434 |
| USD_FRA_1M_OTC_03MxUSD_FRA_1M_OTC_03M | 1.0000 | 0.90 | 1435 |
| USD_FRA_1M_OTC_02MxUSD_FRA_1M_OTC_02M | 1.0000 | 0.90 | 1436 |
| USD_FRA_1M_OTC_01MxUSD_FRA_1M_OTC_01M | 1.0000 | 0.90 | 1437 |
| USD_OIS_OIS_OTC_05YxUSD_OIS_OIS_OTC_05Y | 1.0000 | 0.90 | 1464 |
| USD_OIS_OIS_OTC_04YxUSD_OIS_OIS_OTC_04Y | 1.0000 | 0.90 | 1465 |
| USD_OIS_OIS_OTC_03YxUSD_OIS_OIS_OTC_03Y | 1.0000 | 0.90 | 1466 |
| USD_OIS_OIS_OTC_02YxUSD_OIS_OIS_OTC_02Y | 1.0000 | 0.90 | 1467 |
| USD_OIS_OIS_OTC_12MxUSD_OIS_OIS_OTC_12M | 1.0000 | 0.90 | 1468 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_25Y | 1.0717 | 0.90 | 1469 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_20Y | 1.2833 | 0.90 | 1470 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_15Y | 1.5009 | 0.90 | 1471 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_12Y | 1.5009 | 0.90 | 1472 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_10Y | 1.9257 | 0.90 | 1473 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_09Y | 2.0785 | 0.90 | 1474 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_08Y | 2.2555 | 0.90 | 1475 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_07Y | 2.5593 | 0.85 | 1476 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_06Y | 2.8969 | 0.85 | 1477 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_05Y | 3.4823 | 0.80 | 1478 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_04Y | 4.5093 | 0.75 | 1479 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_03Y | 6.9182 | 0.70 | 1480 |
| USD_IRS_3M_OTC_30YxUSD_IRS_3M_OTC_02Y | 11.9464 | 0.60 | 1481 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_23M | 49.7942 | 0.65 | 1482 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_22M | 49.7942 | 0.65 | 1483 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_21M | 49.7942 | 0.65 | 1484 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_20M | 49.7942 | 0.65 | 1485 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_19M | 49.7942 | 0.65 | 1486 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_18M | 60.5775 | 0.70 | 1487 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_17M | 60.5775 | 0.70 | 1488 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_16M | 60.5775 | 0.70 | 1489 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_15M | 60.5775 | 0.70 | 1490 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_14M | 60.5775 | 0.70 | 1491 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_13M | 60.5775 | 0.70 | 1492 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_12M | 96.1118 | 0.65 | 1493 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_11M | 96.1118 | 0.65 | 1494 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_10M | 96.1118 | 0.65 | 1495 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_09M | 96.1118 | 0.65 | 1496 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_08M | 96.1118 | 0.65 | 1497 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_07M | 96.1118 | 0.65 | 1498 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_06M | 188.9539 | 0.40 | 1499 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_05M | 188.9539 | 0.40 | 1500 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_04M | 188.9539 | 0.40 | 1501 |
| USD_IRS_3M_OTC_30YxUSD_FRA_3M_OTC_03M | 188.9539 | 0.40 | 1502 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_20Y | 1.1974 | 0.90 | 1503 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_15Y | 1.4005 | 0.90 | 1504 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_12Y | 1.4005 | 0.90 | 1505 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_10Y | 1.7970 | 0.90 | 1506 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_09Y | 1.9395 | 0.90 | 1507 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_08Y | 2.1047 | 0.90 | 1508 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_07Y | 2.3881 | 0.85 | 1509 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_06Y | 2.7032 | 0.85 | 1510 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_05Y | 3.2494 | 0.80 | 1511 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_04Y | 4.2077 | 0.80 | 1512 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_03Y | 6.4555 | 0.70 | 1513 |
| USD_IRS_3M_OTC_25YxUSD_IRS_3M_OTC_02Y | 11.1474 | 0.65 | 1514 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_23M | 46.4641 | 0.65 | 1515 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_22M | 46.4641 | 0.65 | 1516 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_21M | 46.4641 | 0.65 | 1517 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_20M | 46.4641 | 0.65 | 1518 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_19M | 46.4641 | 0.65 | 1519 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_18M | 56.5262 | 0.70 | 1520 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_17M | 56.5262 | 0.70 | 1521 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_16M | 56.5262 | 0.70 | 1522 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_15M | 56.5262 | 0.70 | 1523 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_14M | 56.5262 | 0.70 | 1524 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_13M | 56.5262 | 0.70 | 1525 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_12M | 89.6841 | 0.65 | 1526 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_11M | 89.6841 | 0.65 | 1527 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_10M | 89.6841 | 0.65 | 1528 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_09M | 89.6841 | 0.65 | 1529 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_08M | 89.6841 | 0.65 | 1530 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_07M | 89.6841 | 0.65 | 1531 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_06M | 176.3171 | 0.40 | 1532 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_05M | 176.3171 | 0.40 | 1533 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_04M | 176.3171 | 0.40 | 1534 |
| USD_IRS_3M_OTC_25YxUSD_FRA_3M_OTC_03M | 176.3171 | 0.40 | 1535 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_15Y | 1.1696 | 0.90 | 1536 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_12Y | 1.1696 | 0.90 | 1537 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_10Y | 1.5007 | 0.90 | 1538 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_09Y | 1.6197 | 0.90 | 1539 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_08Y | 1.7576 | 0.90 | 1540 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_07Y | 1.9944 | 0.90 | 1541 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_06Y | 2.2575 | 0.85 | 1542 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_05Y | 2.7136 | 0.85 | 1543 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_04Y | 3.5139 | 0.80 | 1544 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_03Y | 5.3911 | 0.75 | 1545 |
| USD_IRS_3M_OTC_20YxUSD_IRS_3M_OTC_02Y | 9.3094 | 0.65 | 1546 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_23M | 38.8031 | 0.65 | 1547 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_22M | 38.8031 | 0.65 | 1548 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_21M | 38.8031 | 0.65 | 1549 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_20M | 38.8031 | 0.65 | 1550 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_19M | 38.8031 | 0.65 | 1551 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_18M | 47.2061 | 0.75 | 1552 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_17M | 47.2061 | 0.75 | 1553 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_16M | 47.2061 | 0.75 | 1554 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_15M | 47.2061 | 0.75 | 1555 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_14M | 47.2061 | 0.75 | 1556 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_13M | 47.2061 | 0.75 | 1557 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_12M | 74.8969 | 0.65 | 1558 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_11M | 74.8969 | 0.65 | 1559 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_10M | 74.8969 | 0.65 | 1560 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_09M | 74.8969 | 0.65 | 1561 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_08M | 74.8969 | 0.65 | 1562 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_07M | 74.8969 | 0.65 | 1563 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_06M | 147.2458 | 0.40 | 1564 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_05M | 147.2458 | 0.40 | 1565 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_04M | 147.2458 | 0.40 | 1566 |
| USD_IRS_3M_OTC_20YxUSD_FRA_3M_OTC_03M | 147.2458 | 0.40 | 1567 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_12Y | 1.0000 | 0.90 | 1568 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_10Y | 1.2831 | 0.90 | 1569 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_09Y | 1.3849 | 0.90 | 1570 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_08Y | 1.5028 | 0.90 | 1571 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_07Y | 1.7052 | 0.90 | 1572 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_06Y | 1.9301 | 0.90 | 1573 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_05Y | 2.3202 | 0.85 | 1574 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_04Y | 3.0044 | 0.85 | 1575 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_03Y | 4.6094 | 0.80 | 1576 |
| USD_IRS_3M_OTC_15YxUSD_IRS_3M_OTC_02Y | 7.9595 | 0.70 | 1577 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_23M | 33.1765 | 0.70 | 1578 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_22M | 33.1765 | 0.70 | 1579 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_21M | 33.1765 | 0.70 | 1580 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_20M | 33.1765 | 0.70 | 1581 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_19M | 33.1765 | 0.70 | 1582 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_18M | 40.3611 | 0.75 | 1583 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_17M | 40.3611 | 0.75 | 1584 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_16M | 40.3611 | 0.75 | 1585 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_15M | 40.3611 | 0.75 | 1586 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_14M | 40.3611 | 0.75 | 1587 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_13M | 40.3611 | 0.75 | 1588 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_12M | 64.0366 | 0.70 | 1589 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_11M | 64.0366 | 0.70 | 1590 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_10M | 64.0366 | 0.70 | 1591 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_09M | 64.0366 | 0.70 | 1592 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_08M | 64.0366 | 0.70 | 1593 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_07M | 64.0366 | 0.70 | 1594 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_06M | 125.8947 | 0.45 | 1595 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_05M | 125.8947 | 0.45 | 1596 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_04M | 125.8947 | 0.45 | 1597 |
| USD_IRS_3M_OTC_15YxUSD_FRA_3M_OTC_03M | 125.8947 | 0.45 | 1598 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_10Y | 1.2831 | 0.90 | 1599 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_09Y | 1.3849 | 0.90 | 1600 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_08Y | 1.5028 | 0.90 | 1601 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_07Y | 1.7052 | 0.90 | 1602 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_06Y | 1.9301 | 0.90 | 1603 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_05Y | 2.3202 | 0.85 | 1604 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_04Y | 3.0044 | 0.85 | 1605 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_03Y | 4.6094 | 0.80 | 1606 |
| USD_IRS_3M_OTC_12YxUSD_IRS_3M_OTC_02Y | 7.9595 | 0.70 | 1607 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_23M | 33.1765 | 0.70 | 1608 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_22M | 33.1765 | 0.70 | 1609 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_21M | 33.1765 | 0.70 | 1610 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_20M | 33.1765 | 0.70 | 1611 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_19M | 33.1765 | 0.70 | 1612 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_18M | 40.3611 | 0.75 | 1613 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_17M | 40.3611 | 0.75 | 1614 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_16M | 40.3611 | 0.75 | 1615 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_15M | 40.3611 | 0.75 | 1616 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_14M | 40.3611 | 0.75 | 1617 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_13M | 40.3611 | 0.75 | 1618 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_12M | 64.0366 | 0.70 | 1619 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_11M | 64.0366 | 0.70 | 1620 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_10M | 64.0366 | 0.70 | 1621 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_09M | 64.0366 | 0.70 | 1622 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_08M | 64.0366 | 0.70 | 1623 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_07M | 64.0366 | 0.70 | 1624 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_06M | 125.8947 | 0.45 | 1625 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_05M | 125.8947 | 0.45 | 1626 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_04M | 125.8947 | 0.45 | 1627 |
| USD_IRS_3M_OTC_12YxUSD_FRA_3M_OTC_03M | 125.8947 | 0.45 | 1628 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_09Y | 1.0793 | 0.90 | 1629 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_08Y | 1.1712 | 0.90 | 1630 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_07Y | 1.3290 | 0.90 | 1631 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_06Y | 1.5043 | 0.90 | 1632 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_05Y | 1.8083 | 0.90 | 1633 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_04Y | 2.3416 | 0.90 | 1634 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_03Y | 3.5925 | 0.85 | 1635 |
| USD_IRS_3M_OTC_10YxUSD_IRS_3M_OTC_02Y | 6.2035 | 0.75 | 1636 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_23M | 25.8571 | 0.75 | 1637 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_22M | 25.8571 | 0.75 | 1638 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_21M | 25.8571 | 0.75 | 1639 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_20M | 25.8571 | 0.75 | 1640 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_19M | 25.8571 | 0.75 | 1641 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_18M | 31.4566 | 0.80 | 1642 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_17M | 31.4566 | 0.80 | 1643 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_16M | 31.4566 | 0.80 | 1644 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_15M | 31.4566 | 0.80 | 1645 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_14M | 31.4566 | 0.80 | 1646 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_13M | 31.4566 | 0.80 | 1647 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_12M | 49.9089 | 0.75 | 1648 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_11M | 49.9089 | 0.75 | 1649 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_10M | 49.9089 | 0.75 | 1650 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_09M | 49.9089 | 0.75 | 1651 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_08M | 49.9089 | 0.75 | 1652 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_07M | 49.9089 | 0.75 | 1653 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_06M | 98.1198 | 0.45 | 1654 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_05M | 98.1198 | 0.45 | 1655 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_04M | 98.1198 | 0.45 | 1656 |
| USD_IRS_3M_OTC_10YxUSD_FRA_3M_OTC_03M | 98.1198 | 0.45 | 1657 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_08Y | 1.0852 | 0.90 | 1658 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_07Y | 1.2313 | 0.90 | 1659 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_06Y | 1.3937 | 0.90 | 1660 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_05Y | 1.6754 | 0.90 | 1661 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_04Y | 2.1695 | 0.90 | 1662 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_03Y | 3.3284 | 0.85 | 1663 |
| USD_IRS_3M_OTC_09YxUSD_IRS_3M_OTC_02Y | 5.7476 | 0.75 | 1664 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_23M | 23.9566 | 0.75 | 1665 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_22M | 23.9566 | 0.75 | 1666 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_21M | 23.9566 | 0.75 | 1667 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_20M | 23.9566 | 0.75 | 1668 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_19M | 23.9566 | 0.75 | 1669 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_18M | 29.1446 | 0.80 | 1670 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_17M | 29.1446 | 0.80 | 1671 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_16M | 29.1446 | 0.80 | 1672 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_15M | 29.1446 | 0.80 | 1673 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_14M | 29.1446 | 0.80 | 1674 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_13M | 29.1446 | 0.80 | 1675 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_12M | 46.2406 | 0.75 | 1676 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_11M | 46.2406 | 0.75 | 1677 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_10M | 46.2406 | 0.75 | 1678 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_09M | 46.2406 | 0.75 | 1679 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_08M | 46.2406 | 0.75 | 1680 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_07M | 46.2406 | 0.75 | 1681 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_06M | 90.9082 | 0.45 | 1682 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_05M | 90.9082 | 0.45 | 1683 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_04M | 90.9082 | 0.45 | 1684 |
| USD_IRS_3M_OTC_09YxUSD_FRA_3M_OTC_03M | 90.9082 | 0.45 | 1685 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_07Y | 1.1347 | 0.90 | 1686 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_06Y | 1.2844 | 0.90 | 1687 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_05Y | 1.5439 | 0.90 | 1688 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_04Y | 1.9992 | 0.90 | 1689 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_03Y | 3.0672 | 0.85 | 1690 |
| USD_IRS_3M_OTC_08YxUSD_IRS_3M_OTC_02Y | 5.2965 | 0.80 | 1691 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_23M | 22.0767 | 0.80 | 1692 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_22M | 22.0767 | 0.80 | 1693 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_21M | 22.0767 | 0.80 | 1694 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_20M | 22.0767 | 0.80 | 1695 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_19M | 22.0767 | 0.80 | 1696 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_18M | 26.8576 | 0.85 | 1697 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_17M | 26.8576 | 0.85 | 1698 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_16M | 26.8576 | 0.85 | 1699 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_15M | 26.8576 | 0.85 | 1700 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_14M | 26.8576 | 0.85 | 1701 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_13M | 26.8576 | 0.85 | 1702 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_12M | 42.6120 | 0.75 | 1703 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_11M | 42.6120 | 0.75 | 1704 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_10M | 42.6120 | 0.75 | 1705 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_09M | 42.6120 | 0.75 | 1706 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_08M | 42.6120 | 0.75 | 1707 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_07M | 42.6120 | 0.75 | 1708 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_06M | 83.7743 | 0.50 | 1709 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_05M | 83.7743 | 0.50 | 1710 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_04M | 83.7743 | 0.50 | 1711 |
| USD_IRS_3M_OTC_08YxUSD_FRA_3M_OTC_03M | 83.7743 | 0.50 | 1712 |
| USD_IRS_3M_OTC_07YxUSD_IRS_3M_OTC_06Y | 1.1319 | 0.90 | 1713 |
| USD_IRS_3M_OTC_07YxUSD_IRS_3M_OTC_05Y | 1.3607 | 0.90 | 1714 |
| USD_IRS_3M_OTC_07YxUSD_IRS_3M_OTC_04Y | 1.7619 | 0.90 | 1715 |
| USD_IRS_3M_OTC_07YxUSD_IRS_3M_OTC_03Y | 2.7032 | 0.90 | 1716 |
| USD_IRS_3M_OTC_07YxUSD_IRS_3M_OTC_02Y | 4.6679 | 0.80 | 1717 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_23M | 19.4563 | 0.80 | 1718 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_22M | 19.4563 | 0.80 | 1719 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_21M | 19.4563 | 0.80 | 1720 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_20M | 19.4563 | 0.80 | 1721 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_19M | 19.4563 | 0.80 | 1722 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_18M | 23.6697 | 0.85 | 1723 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_17M | 23.6697 | 0.85 | 1724 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_16M | 23.6697 | 0.85 | 1725 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_15M | 23.6697 | 0.85 | 1726 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_14M | 23.6697 | 0.85 | 1727 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_13M | 23.6697 | 0.85 | 1728 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_12M | 37.5542 | 0.80 | 1729 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_11M | 37.5542 | 0.80 | 1730 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_10M | 37.5542 | 0.80 | 1731 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_09M | 37.5542 | 0.80 | 1732 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_08M | 37.5542 | 0.80 | 1733 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_07M | 37.5542 | 0.80 | 1734 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_06M | 73.8307 | 0.50 | 1735 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_05M | 73.8307 | 0.50 | 1736 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_04M | 73.8307 | 0.50 | 1737 |
| USD_IRS_3M_OTC_07YxUSD_FRA_3M_OTC_03M | 73.8307 | 0.50 | 1738 |
| USD_IRS_3M_OTC_06YxUSD_IRS_3M_OTC_05Y | 1.2021 | 0.90 | 1739 |
| USD_IRS_3M_OTC_06YxUSD_IRS_3M_OTC_04Y | 1.5566 | 0.90 | 1740 |
| USD_IRS_3M_OTC_06YxUSD_IRS_3M_OTC_03Y | 2.3882 | 0.90 | 1741 |
| USD_IRS_3M_OTC_06YxUSD_IRS_3M_OTC_02Y | 4.1239 | 0.85 | 1742 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_23M | 17.1888 | 0.80 | 1743 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_22M | 17.1888 | 0.80 | 1744 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_21M | 17.1888 | 0.80 | 1745 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_20M | 17.1888 | 0.80 | 1746 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_19M | 17.1888 | 0.80 | 1747 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_18M | 20.9112 | 0.90 | 1748 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_17M | 20.9112 | 0.90 | 1749 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_16M | 20.9112 | 0.90 | 1750 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_15M | 20.9112 | 0.90 | 1751 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_14M | 20.9112 | 0.90 | 1752 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_13M | 20.9112 | 0.90 | 1753 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_12M | 33.1776 | 0.80 | 1754 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_11M | 33.1776 | 0.80 | 1755 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_10M | 33.1776 | 0.80 | 1756 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_09M | 33.1776 | 0.80 | 1757 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_08M | 33.1776 | 0.80 | 1758 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_07M | 33.1776 | 0.80 | 1759 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_06M | 65.2264 | 0.50 | 1760 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_05M | 65.2264 | 0.50 | 1761 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_04M | 65.2264 | 0.50 | 1762 |
| USD_IRS_3M_OTC_06YxUSD_FRA_3M_OTC_03M | 65.2264 | 0.50 | 1763 |
| USD_IRS_3M_OTC_05YxUSD_IRS_3M_OTC_04Y | 1.2949 | 0.90 | 1764 |
| USD_IRS_3M_OTC_05YxUSD_IRS_3M_OTC_03Y | 1.9867 | 0.90 | 1765 |
| USD_IRS_3M_OTC_05YxUSD_IRS_3M_OTC_02Y | 3.4306 | 0.90 | 1766 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_23M | 14.2992 | 0.85 | 1767 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_22M | 14.2992 | 0.85 | 1768 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_21M | 14.2992 | 0.85 | 1769 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_20M | 14.2992 | 0.85 | 1770 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_19M | 14.2992 | 0.85 | 1771 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_18M | 17.3958 | 0.90 | 1772 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_17M | 17.3958 | 0.90 | 1773 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_16M | 17.3958 | 0.90 | 1774 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_15M | 17.3958 | 0.90 | 1775 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_14M | 17.3958 | 0.90 | 1776 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_13M | 17.3958 | 0.90 | 1777 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_12M | 27.6001 | 0.85 | 1778 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_11M | 27.6001 | 0.85 | 1779 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_10M | 27.6001 | 0.85 | 1780 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_09M | 27.6001 | 0.85 | 1781 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_08M | 27.6001 | 0.85 | 1782 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_07M | 27.6001 | 0.85 | 1783 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_06M | 54.2613 | 0.55 | 1784 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_05M | 54.2613 | 0.55 | 1785 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_04M | 54.2613 | 0.55 | 1786 |
| USD_IRS_3M_OTC_05YxUSD_FRA_3M_OTC_03M | 54.2613 | 0.55 | 1787 |
| USD_IRS_3M_OTC_04YxUSD_IRS_3M_OTC_03Y | 1.5342 | 0.90 | 1788 |
| USD_IRS_3M_OTC_04YxUSD_IRS_3M_OTC_02Y | 2.6493 | 0.90 | 1789 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_23M | 11.0426 | 0.85 | 1790 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_22M | 11.0426 | 0.85 | 1791 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_21M | 11.0426 | 0.85 | 1792 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_20M | 11.0426 | 0.85 | 1793 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_19M | 11.0426 | 0.85 | 1794 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_18M | 13.4340 | 0.90 | 1795 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_17M | 13.4340 | 0.90 | 1796 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_16M | 13.4340 | 0.90 | 1797 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_15M | 13.4340 | 0.90 | 1798 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_14M | 13.4340 | 0.90 | 1799 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_13M | 13.4340 | 0.90 | 1800 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_12M | 21.3142 | 0.85 | 1801 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_11M | 21.3142 | 0.85 | 1802 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_10M | 21.3142 | 0.85 | 1803 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_09M | 21.3142 | 0.85 | 1804 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_08M | 21.3142 | 0.85 | 1805 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_07M | 21.3142 | 0.85 | 1806 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_06M | 41.9034 | 0.55 | 1807 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_05M | 41.9034 | 0.55 | 1808 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_04M | 41.9034 | 0.55 | 1809 |
| USD_IRS_3M_OTC_04YxUSD_FRA_3M_OTC_03M | 41.9034 | 0.55 | 1810 |
| USD_IRS_3M_OTC_03YxUSD_IRS_3M_OTC_02Y | 1.7268 | 0.90 | 1811 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_23M | 7.1976 | 0.90 | 1812 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_22M | 7.1976 | 0.90 | 1813 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_21M | 7.1976 | 0.90 | 1814 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_20M | 7.1976 | 0.90 | 1815 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_19M | 7.1976 | 0.90 | 1816 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_18M | 8.7562 | 0.90 | 1817 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_17M | 8.7562 | 0.90 | 1818 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_16M | 8.7562 | 0.90 | 1819 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_15M | 8.7562 | 0.90 | 1820 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_14M | 8.7562 | 0.90 | 1821 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_13M | 8.7562 | 0.90 | 1822 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_12M | 13.8926 | 0.90 | 1823 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_11M | 13.8926 | 0.90 | 1824 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_10M | 13.8926 | 0.90 | 1825 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_09M | 13.8926 | 0.90 | 1826 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_08M | 13.8926 | 0.90 | 1827 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_07M | 13.8926 | 0.90 | 1828 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_06M | 27.3125 | 0.60 | 1829 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_05M | 27.3125 | 0.60 | 1830 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_04M | 27.3125 | 0.60 | 1831 |
| USD_IRS_3M_OTC_03YxUSD_FRA_3M_OTC_03M | 27.3125 | 0.60 | 1832 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_23M | 4.1681 | 0.90 | 1833 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_22M | 4.1681 | 0.90 | 1834 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_21M | 4.1681 | 0.90 | 1835 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_20M | 4.1681 | 0.90 | 1836 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_19M | 4.1681 | 0.90 | 1837 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_18M | 5.0708 | 0.90 | 1838 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_17M | 5.0708 | 0.90 | 1839 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_16M | 5.0708 | 0.90 | 1840 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_15M | 5.0708 | 0.90 | 1841 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_14M | 5.0708 | 0.90 | 1842 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_13M | 5.0708 | 0.90 | 1843 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_12M | 8.0453 | 0.90 | 1844 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_11M | 8.0453 | 0.90 | 1845 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_10M | 8.0453 | 0.90 | 1846 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_09M | 8.0453 | 0.90 | 1847 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_08M | 8.0453 | 0.90 | 1848 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_07M | 8.0453 | 0.90 | 1849 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_06M | 15.8168 | 0.65 | 1850 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_05M | 15.8168 | 0.65 | 1851 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_04M | 15.8168 | 0.65 | 1852 |
| USD_IRS_3M_OTC_02YxUSD_FRA_3M_OTC_03M | 15.8168 | 0.65 | 1853 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_22M | 1.0000 | 0.90 | 1854 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_21M | 1.0000 | 0.90 | 1855 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_20M | 1.0000 | 0.90 | 1856 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_19M | 1.0000 | 0.90 | 1857 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_18M | 1.2166 | 0.85 | 1858 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_17M | 1.2166 | 0.85 | 1859 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_16M | 1.2166 | 0.85 | 1860 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_15M | 1.2166 | 0.85 | 1861 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_14M | 1.2166 | 0.85 | 1862 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_13M | 1.2166 | 0.85 | 1863 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_12M | 1.9302 | 0.80 | 1864 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_11M | 1.9302 | 0.80 | 1865 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_10M | 1.9302 | 0.80 | 1866 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_09M | 1.9302 | 0.80 | 1867 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_08M | 1.9302 | 0.80 | 1868 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_07M | 1.9302 | 0.80 | 1869 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_06M | 3.7947 | 0.50 | 1870 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_05M | 3.7947 | 0.50 | 1871 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_04M | 3.7947 | 0.50 | 1872 |
| USD_FRA_3M_OTC_23MxUSD_FRA_3M_OTC_03M | 3.7947 | 0.50 | 1873 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_21M | 1.0000 | 0.90 | 1874 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_20M | 1.0000 | 0.90 | 1875 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_19M | 1.0000 | 0.90 | 1876 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_18M | 1.2166 | 0.85 | 1877 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_17M | 1.2166 | 0.85 | 1878 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_16M | 1.2166 | 0.85 | 1879 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_15M | 1.2166 | 0.85 | 1880 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_14M | 1.2166 | 0.85 | 1881 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_13M | 1.2166 | 0.85 | 1882 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_12M | 1.9302 | 0.80 | 1883 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_11M | 1.9302 | 0.80 | 1884 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_10M | 1.9302 | 0.80 | 1885 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_09M | 1.9302 | 0.80 | 1886 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_08M | 1.9302 | 0.80 | 1887 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_07M | 1.9302 | 0.80 | 1888 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_06M | 3.7947 | 0.50 | 1889 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_05M | 3.7947 | 0.50 | 1890 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_04M | 3.7947 | 0.50 | 1891 |
| USD_FRA_3M_OTC_22MxUSD_FRA_3M_OTC_03M | 3.7947 | 0.50 | 1892 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_20M | 1.0000 | 0.90 | 1893 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_19M | 1.0000 | 0.90 | 1894 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_18M | 1.2166 | 0.85 | 1895 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_17M | 1.2166 | 0.85 | 1896 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_16M | 1.2166 | 0.85 | 1897 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_15M | 1.2166 | 0.85 | 1898 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_14M | 1.2166 | 0.85 | 1899 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_13M | 1.2166 | 0.85 | 1900 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_12M | 1.9302 | 0.80 | 1901 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_11M | 1.9302 | 0.80 | 1902 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_10M | 1.9302 | 0.80 | 1903 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_09M | 1.9302 | 0.80 | 1904 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_08M | 1.9302 | 0.80 | 1905 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_07M | 1.9302 | 0.80 | 1906 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_06M | 3.7947 | 0.50 | 1907 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_05M | 3.7947 | 0.50 | 1908 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_04M | 3.7947 | 0.50 | 1909 |
| USD_FRA_3M_OTC_21MxUSD_FRA_3M_OTC_03M | 3.7947 | 0.50 | 1910 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_19M | 1.0000 | 0.90 | 1911 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_18M | 1.2166 | 0.85 | 1912 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_17M | 1.2166 | 0.85 | 1913 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_16M | 1.2166 | 0.85 | 1914 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_15M | 1.2166 | 0.85 | 1915 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_14M | 1.2166 | 0.85 | 1916 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_13M | 1.2166 | 0.85 | 1917 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_12M | 1.9302 | 0.80 | 1918 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_11M | 1.9302 | 0.80 | 1919 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_10M | 1.9302 | 0.80 | 1920 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_09M | 1.9302 | 0.80 | 1921 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_08M | 1.9302 | 0.80 | 1922 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_07M | 1.9302 | 0.80 | 1923 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_06M | 3.7947 | 0.50 | 1924 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_05M | 3.7947 | 0.50 | 1925 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_04M | 3.7947 | 0.50 | 1926 |
| USD_FRA_3M_OTC_20MxUSD_FRA_3M_OTC_03M | 3.7947 | 0.50 | 1927 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_18M | 1.2166 | 0.85 | 1928 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_17M | 1.2166 | 0.85 | 1929 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_16M | 1.2166 | 0.85 | 1930 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_15M | 1.2166 | 0.85 | 1931 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_14M | 1.2166 | 0.85 | 1932 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_13M | 1.2166 | 0.85 | 1933 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_12M | 1.9302 | 0.80 | 1934 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_11M | 1.9302 | 0.80 | 1935 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_10M | 1.9302 | 0.80 | 1936 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_09M | 1.9302 | 0.80 | 1937 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_08M | 1.9302 | 0.80 | 1938 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_07M | 1.9302 | 0.80 | 1939 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_06M | 3.7947 | 0.50 | 1940 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_05M | 3.7947 | 0.50 | 1941 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_04M | 3.7947 | 0.50 | 1942 |
| USD_FRA_3M_OTC_19MxUSD_FRA_3M_OTC_03M | 3.7947 | 0.50 | 1943 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_17M | 1.0000 | 0.90 | 1944 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_16M | 1.0000 | 0.90 | 1945 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_15M | 1.0000 | 0.90 | 1946 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_14M | 1.0000 | 0.90 | 1947 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_13M | 1.0000 | 0.90 | 1948 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_12M | 1.5866 | 0.90 | 1949 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_11M | 1.5866 | 0.90 | 1950 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_10M | 1.5866 | 0.90 | 1951 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_09M | 1.5866 | 0.90 | 1952 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_08M | 1.5866 | 0.90 | 1953 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_07M | 1.5866 | 0.90 | 1954 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_06M | 3.1192 | 0.65 | 1955 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_05M | 3.1192 | 0.65 | 1956 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_04M | 3.1192 | 0.65 | 1957 |
| USD_FRA_3M_OTC_18MxUSD_FRA_3M_OTC_03M | 3.1192 | 0.65 | 1958 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_16M | 1.0000 | 0.90 | 1959 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_15M | 1.0000 | 0.90 | 1960 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_14M | 1.0000 | 0.90 | 1961 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_13M | 1.0000 | 0.90 | 1962 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_12M | 1.5866 | 0.90 | 1963 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_11M | 1.5866 | 0.90 | 1964 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_10M | 1.5866 | 0.90 | 1965 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_09M | 1.5866 | 0.90 | 1966 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_08M | 1.5866 | 0.90 | 1967 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_07M | 1.5866 | 0.90 | 1968 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_06M | 3.1192 | 0.65 | 1969 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_05M | 3.1192 | 0.65 | 1970 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_04M | 3.1192 | 0.65 | 1971 |
| USD_FRA_3M_OTC_17MxUSD_FRA_3M_OTC_03M | 3.1192 | 0.65 | 1972 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_15M | 1.0000 | 0.90 | 1973 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_14M | 1.0000 | 0.90 | 1974 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_13M | 1.0000 | 0.90 | 1975 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_12M | 1.5866 | 0.90 | 1976 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_11M | 1.5866 | 0.90 | 1977 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_10M | 1.5866 | 0.90 | 1978 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_09M | 1.5866 | 0.90 | 1979 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_08M | 1.5866 | 0.90 | 1980 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_07M | 1.5866 | 0.90 | 1981 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_06M | 3.1192 | 0.65 | 1982 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_05M | 3.1192 | 0.65 | 1983 |
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_04M | 3.1192 | 0.65 | 1984 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_FRA_3M_OTC_16MxUSD_FRA_3M_OTC_03M | 3.1192 | 0.65 | 1985 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_14M | 1.0000 | 0.90 | 1986 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_13M | 1.0000 | 0.90 | 1987 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_12M | 1.5866 | 0.90 | 1988 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_11M | 1.5866 | 0.90 | 1989 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_10M | 1.5866 | 0.90 | 1990 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_09M | 1.5866 | 0.90 | 1991 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_08M | 1.5866 | 0.90 | 1992 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_07M | 1.5866 | 0.90 | 1993 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_06M | 3.1192 | 0.65 | 1994 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_05M | 3.1192 | 0.65 | 1995 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_04M | 3.1192 | 0.65 | 1996 |
| USD_FRA_3M_OTC_15MxUSD_FRA_3M_OTC_03M | 3.1192 | 0.65 | 1997 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_13M | 1.0000 | 0.90 | 1998 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_12M | 1.5866 | 0.90 | 1999 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_11M | 1.5866 | 0.90 | 2000 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_10M | 1.5866 | 0.90 | 2001 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_09M | 1.5866 | 0.90 | 2002 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_08M | 1.5866 | 0.90 | 2003 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_07M | 1.5866 | 0.90 | 2004 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_06M | 3.1192 | 0.65 | 2005 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_05M | 3.1192 | 0.65 | 2006 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_04M | 3.1192 | 0.65 | 2007 |
| USD_FRA_3M_OTC_14MxUSD_FRA_3M_OTC_03M | 3.1192 | 0.65 | 2008 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_12M | 1.5866 | 0.90 | 2009 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_11M | 1.5866 | 0.90 | 2010 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_10M | 1.5866 | 0.90 | 2011 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_09M | 1.5866 | 0.90 | 2012 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_08M | 1.5866 | 0.90 | 2013 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_07M | 1.5866 | 0.90 | 2014 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_06M | 3.1192 | 0.65 | 2015 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_05M | 3.1192 | 0.65 | 2016 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_04M | 3.1192 | 0.65 | 2017 |
| USD_FRA_3M_OTC_13MxUSD_FRA_3M_OTC_03M | 3.1192 | 0.65 | 2018 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_11M | 1.0000 | 0.90 | 2019 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_10M | 1.0000 | 0.90 | 2020 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_09M | 1.0000 | 0.90 | 2021 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_08M | 1.0000 | 0.90 | 2022 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_07M | 1.0000 | 0.90 | 2023 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_06M | 1.9660 | 0.80 | 2024 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_05M | 1.9660 | 0.80 | 2025 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_04M | 1.9660 | 0.80 | 2026 |
| USD_FRA_3M_OTC_12MxUSD_FRA_3M_OTC_03M | 1.9660 | 0.80 | 2027 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_10M | 1.0000 | 0.90 | 2028 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_09M | 1.0000 | 0.90 | 2029 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_08M | 1.0000 | 0.90 | 2030 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_07M | 1.0000 | 0.90 | 2031 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_06M | 1.9660 | 0.80 | 2032 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_05M | 1.9660 | 0.80 | 2033 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_04M | 1.9660 | 0.80 | 2034 |
| USD_FRA_3M_OTC_11MxUSD_FRA_3M_OTC_03M | 1.9660 | 0.80 | 2035 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_09M | 1.0000 | 0.90 | 2036 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_08M | 1.0000 | 0.90 | 2037 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_07M | 1.0000 | 0.90 | 2038 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_06M | 1.9660 | 0.80 | 2039 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_05M | 1.9660 | 0.80 | 2040 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_04M | 1.9660 | 0.80 | 2041 |
| USD_FRA_3M_OTC_10MxUSD_FRA_3M_OTC_03M | 1.9660 | 0.80 | 2042 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_08M | 1.0000 | 0.90 | 2043 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_07M | 1.0000 | 0.90 | 2044 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_06M | 1.9660 | 0.80 | 2045 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_05M | 1.9660 | 0.80 | 2046 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_04M | 1.9660 | 0.80 | 2047 |
| USD_FRA_3M_OTC_09MxUSD_FRA_3M_OTC_03M | 1.9660 | 0.80 | 2048 |
| USD_FRA_3M_OTC_08MxUSD_FRA_3M_OTC_07M | 1.0000 | 0.90 | 2049 |
| USD_FRA_3M_OTC_08MxUSD_FRA_3M_OTC_06M | 1.9660 | 0.80 | 2050 |
| USD_FRA_3M_OTC_08MxUSD_FRA_3M_OTC_05M | 1.9660 | 0.80 | 2051 |
| USD_FRA_3M_OTC_08MxUSD_FRA_3M_OTC_04M | 1.9660 | 0.80 | 2052 |
| USD_FRA_3M_OTC_08MxUSD_FRA_3M_OTC_03M | 1.9660 | 0.80 | 2053 |
| USD_FRA_3M_OTC_07MxUSD_FRA_3M_OTC_06M | 1.9660 | 0.80 | 2054 |
| USD_FRA_3M_OTC_07MxUSD_FRA_3M_OTC_05M | 1.9660 | 0.80 | 2055 |
| USD_FRA_3M_OTC_07MxUSD_FRA_3M_OTC_04M | 1.9660 | 0.80 | 2056 |
| USD_FRA_3M_OTC_07MxUSD_FRA_3M_OTC_03M | 1.9660 | 0.80 | 2057 |
| USD_FRA_3M_OTC_06MxUSD_FRA_3M_OTC_05M | 1.0000 | 0.90 | 2058 |
| USD_FRA_3M_OTC_06MxUSD_FRA_3M_OTC_04M | 1.0000 | 0.90 | 2059 |
| USD_FRA_3M_OTC_06MxUSD_FRA_3M_OTC_03M | 1.0000 | 0.90 | 2060 |
| USD_FRA_3M_OTC_05MxUSD_FRA_3M_OTC_04M | 1.0000 | 0.90 | 2061 |
| USD_FRA_3M_OTC_05MxUSD_FRA_3M_OTC_03M | 1.0000 | 0.90 | 2062 |
| USD_FRA_3M_OTC_04MxUSD_FRA_3M_OTC_03M | 1.0000 | 0.90 | 2063 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_25Y | 1.1062 | 0.90 | 2064 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_20Y | 1.2444 | 0.90 | 2065 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_15Y | 1.4654 | 0.90 | 2066 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_12Y | 1.4654 | 0.90 | 2067 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_10Y | 1.9481 | 0.85 | 2068 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_07Y | 2.5507 | 0.75 | 2069 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_05Y | 3.4999 | 0.70 | 2070 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_04Y | 4.4631 | 0.65 | 2071 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_03Y | 6.7546 | 0.60 | 2072 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_02Y | 13.9792 | 0.60 | 2073 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_18M | 13.9792 | 0.60 | 2074 |
| USD_IRS_1M_OTC_30YxUSD_IRS_1M_OTC_01Y | 66.6564 | 0.40 | 2075 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_11M | 237.2869 | 0.55 | 2076 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_10M | 237.2869 | 0.55 | 2077 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_09M | 237.2869 | 0.55 | 2078 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_08M | 237.2869 | 0.55 | 2079 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_07M | 237.2869 | 0.55 | 2080 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_06M | 800.2397 | 0.00 | 2081 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_05M | 800.2397 | 0.00 | 2082 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_04M | 800.2397 | 0.00 | 2083 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_03M | 800.2397 | 0.00 | 2084 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_02M | 800.2397 | 0.00 | 2085 |
| USD_IRS_1M_OTC_30YxUSD_FRA_1M_OTC_01M | 800.2397 | 0.00 | 2086 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_20Y | 1.1249 | 0.90 | 2087 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_15Y | 1.3247 | 0.90 | 2088 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_12Y | 1.3247 | 0.90 | 2089 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_10Y | 1.7610 | 0.90 | 2090 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_07Y | 2.3058 | 0.80 | 2091 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_05Y | 3.1638 | 0.70 | 2092 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_04Y | 4.0345 | 0.70 | 2093 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_03Y | 6.1060 | 0.65 | 2094 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_02Y | 12.6368 | 0.60 | 2095 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_18M | 12.6368 | 0.60 | 2096 |
| USD_IRS_1M_OTC_25YxUSD_IRS_1M_OTC_01Y | 60.2553 | 0.40 | 2097 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_11M | 214.4998 | 0.55 | 2098 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_10M | 214.4998 | 0.55 | 2099 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_09M | 214.4998 | 0.55 | 2100 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_08M | 214.4998 | 0.55 | 2101 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_07M | 214.4998 | 0.55 | 2102 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_06M | 723.3913 | 0.00 | 2103 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_05M | 723.3913 | 0.00 | 2104 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_04M | 723.3913 | 0.00 | 2105 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_03M | 723.3913 | 0.00 | 2106 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_02M | 723.3913 | 0.00 | 2107 |
| USD_IRS_1M_OTC_25YxUSD_FRA_1M_OTC_01M | 723.3913 | 0.00 | 2108 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_15Y | 1.1776 | 0.90 | 2109 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_12Y | 1.1776 | 0.90 | 2110 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_10Y | 1.5655 | 0.90 | 2111 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_07Y | 2.0498 | 0.85 | 2112 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_05Y | 2.8125 | 0.75 | 2113 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_04Y | 3.5865 | 0.70 | 2114 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_03Y | 5.4280 | 0.65 | 2115 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_02Y | 11.2337 | 0.65 | 2116 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_18M | 11.2337 | 0.65 | 2117 |
| USD_IRS_1M_OTC_20YxUSD_IRS_1M_OTC_01Y | 53.5650 | 0.45 | 2118 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_11M | 190.6833 | 0.55 | 2119 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_10M | 190.6833 | 0.55 | 2120 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_09M | 190.6833 | 0.55 | 2121 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_08M | 190.6833 | 0.55 | 2122 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_07M | 190.6833 | 0.55 | 2123 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_06M | 643.0712 | 0.00 | 2124 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_05M | 643.0712 | 0.00 | 2125 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_04M | 643.0712 | 0.00 | 2126 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_03M | 643.0712 | 0.00 | 2127 |
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_02M | 643.0712 | 0.00 | 2128 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_1M_OTC_20YxUSD_FRA_1M_OTC_01M | 643.0712 | 0.00 | 2129 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_12Y | 1.0000 | 0.90 | 2130 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_10Y | 1.3294 | 0.90 | 2131 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_07Y | 1.7407 | 0.85 | 2132 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_05Y | 2.3884 | 0.80 | 2133 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_04Y | 3.0457 | 0.80 | 2134 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_03Y | 4.6095 | 0.75 | 2135 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_02Y | 9.5397 | 0.70 | 2136 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_18M | 9.5397 | 0.70 | 2137 |
| USD_IRS_1M_OTC_15YxUSD_IRS_1M_OTC_01Y | 45.4875 | 0.50 | 2138 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_11M | 161.9288 | 0.60 | 2139 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_10M | 161.9288 | 0.60 | 2140 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_09M | 161.9288 | 0.60 | 2141 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_08M | 161.9288 | 0.60 | 2142 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_07M | 161.9288 | 0.60 | 2143 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_06M | 546.0977 | 0.00 | 2144 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_05M | 546.0977 | 0.00 | 2145 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_04M | 546.0977 | 0.00 | 2146 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_03M | 546.0977 | 0.00 | 2147 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_02M | 546.0977 | 0.00 | 2148 |
| USD_IRS_1M_OTC_15YxUSD_FRA_1M_OTC_01M | 546.0977 | 0.00 | 2149 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_10Y | 1.3294 | 0.90 | 2150 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_07Y | 1.7407 | 0.85 | 2151 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_05Y | 2.3884 | 0.80 | 2152 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_04Y | 3.0457 | 0.80 | 2153 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_03Y | 4.6095 | 0.75 | 2154 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_02Y | 9.5397 | 0.70 | 2155 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_18M | 9.5397 | 0.70 | 2156 |
| USD_IRS_1M_OTC_12YxUSD_IRS_1M_OTC_01Y | 45.4875 | 0.50 | 2157 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_11M | 161.9288 | 0.60 | 2158 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_10M | 161.9288 | 0.60 | 2159 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_09M | 161.9288 | 0.60 | 2160 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_08M | 161.9288 | 0.60 | 2161 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_07M | 161.9288 | 0.60 | 2162 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_06M | 546.0977 | 0.00 | 2163 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_05M | 546.0977 | 0.00 | 2164 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_04M | 546.0977 | 0.00 | 2165 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_03M | 546.0977 | 0.00 | 2166 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_02M | 546.0977 | 0.00 | 2167 |
| USD_IRS_1M_OTC_12YxUSD_FRA_1M_OTC_01M | 546.0977 | 0.00 | 2168 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_07Y | 1.3093 | 0.90 | 2169 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_05Y | 1.7966 | 0.90 | 2170 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_04Y | 2.2910 | 0.85 | 2171 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_03Y | 3.4673 | 0.80 | 2172 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_02Y | 7.1758 | 0.75 | 2173 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_18M | 7.1758 | 0.75 | 2174 |
| USD_IRS_1M_OTC_10YxUSD_IRS_1M_OTC_01Y | 34.2159 | 0.55 | 2175 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_11M | 121.8036 | 0.70 | 2176 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_10M | 121.8036 | 0.70 | 2177 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_09M | 121.8036 | 0.70 | 2178 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_08M | 121.8036 | 0.70 | 2179 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_07M | 121.8036 | 0.70 | 2180 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_06M | 410.7772 | 0.00 | 2181 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_05M | 410.7772 | 0.00 | 2182 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_04M | 410.7772 | 0.00 | 2183 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_03M | 410.7772 | 0.00 | 2184 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_02M | 410.7772 | 0.00 | 2185 |
| USD_IRS_1M_OTC_10YxUSD_FRA_1M_OTC_01M | 410.7772 | 0.00 | 2186 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_05Y | 1.3721 | 0.90 | 2187 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_04Y | 1.7497 | 0.90 | 2188 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_03Y | 2.6481 | 0.85 | 2189 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_02Y | 5.4805 | 0.80 | 2190 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_18M | 5.4805 | 0.80 | 2191 |
| USD_IRS_1M_OTC_07YxUSD_IRS_1M_OTC_01Y | 26.1323 | 0.55 | 2192 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_11M | 93.0271 | 0.70 | 2193 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_10M | 93.0271 | 0.70 | 2194 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_09M | 93.0271 | 0.70 | 2195 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_08M | 93.0271 | 0.70 | 2196 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_07M | 93.0271 | 0.70 | 2197 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_06M | 313.7297 | 0.00 | 2198 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_05M | 313.7297 | 0.00 | 2199 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_04M | 313.7297 | 0.00 | 2200 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_03M | 313.7297 | 0.00 | 2201 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_02M | 313.7297 | 0.00 | 2202 |
| USD_IRS_1M_OTC_07YxUSD_FRA_1M_OTC_01M | 313.7297 | 0.00 | 2203 |
| USD_IRS_1M_OTC_05YxUSD_IRS_1M_OTC_04Y | 1.2752 | 0.90 | 2204 |
| USD_IRS_1M_OTC_05YxUSD_IRS_1M_OTC_03Y | 1.9299 | 0.90 | 2205 |
| USD_IRS_1M_OTC_05YxUSD_IRS_1M_OTC_02Y | 3.9942 | 0.90 | 2206 |
| USD_IRS_1M_OTC_05YxUSD_IRS_1M_OTC_18M | 3.9942 | 0.90 | 2207 |
| USD_IRS_1M_OTC_05YxUSD_IRS_1M_OTC_01Y | 19.0451 | 0.65 | 2208 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_11M | 67.7978 | 0.75 | 2209 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_10M | 67.7978 | 0.75 | 2210 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_09M | 67.7978 | 0.75 | 2211 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_08M | 67.7978 | 0.75 | 2212 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_07M | 67.7978 | 0.75 | 2213 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_06M | 228.6451 | 0.00 | 2214 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_05M | 228.6451 | 0.00 | 2215 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_04M | 228.6451 | 0.00 | 2216 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_03M | 228.6451 | 0.00 | 2217 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_02M | 228.6451 | 0.00 | 2218 |
| USD_IRS_1M_OTC_05YxUSD_FRA_1M_OTC_01M | 228.6451 | 0.00 | 2219 |
| USD_IRS_1M_OTC_04YxUSD_IRS_1M_OTC_03Y | 1.5134 | 0.90 | 2220 |
| USD_IRS_1M_OTC_04YxUSD_IRS_1M_OTC_02Y | 3.1322 | 0.90 | 2221 |
| USD_IRS_1M_OTC_04YxUSD_IRS_1M_OTC_18M | 3.1322 | 0.90 | 2222 |
| USD_IRS_1M_OTC_04YxUSD_IRS_1M_OTC_01Y | 14.9351 | 0.70 | 2223 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_11M | 53.1667 | 0.80 | 2224 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_10M | 53.1667 | 0.80 | 2225 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_09M | 53.1667 | 0.80 | 2226 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_08M | 53.1667 | 0.80 | 2227 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_07M | 53.1667 | 0.80 | 2228 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_06M | 179.3024 | 0.00 | 2229 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_05M | 179.3024 | 0.00 | 2230 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_04M | 179.3024 | 0.00 | 2231 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_03M | 179.3024 | 0.00 | 2232 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_02M | 179.3024 | 0.00 | 2233 |
| USD_IRS_1M_OTC_04YxUSD_FRA_1M_OTC_01M | 179.3024 | 0.00 | 2234 |
| USD_IRS_1M_OTC_03YxUSD_IRS_1M_OTC_02Y | 2.0696 | 0.90 | 2235 |
| USD_IRS_1M_OTC_03YxUSD_IRS_1M_OTC_18M | 2.0696 | 0.90 | 2236 |
| USD_IRS_1M_OTC_03YxUSD_IRS_1M_OTC_01Y | 9.8683 | 0.75 | 2237 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_11M | 35.1296 | 0.80 | 2238 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_10M | 35.1296 | 0.80 | 2239 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_09M | 35.1296 | 0.80 | 2240 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_08M | 35.1296 | 0.80 | 2241 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_07M | 35.1296 | 0.80 | 2242 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_06M | 118.4730 | 0.40 | 2243 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_05M | 118.4730 | 0.40 | 2244 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_04M | 118.4730 | 0.40 | 2245 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_03M | 118.4730 | 0.40 | 2246 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_02M | 118.4730 | 0.40 | 2247 |
| USD_IRS_1M_OTC_03YxUSD_FRA_1M_OTC_01M | 118.4730 | 0.40 | 2248 |
| USD_IRS_1M_OTC_02YxUSD_IRS_1M_OTC_18M | 1.0000 | 0.90 | 2249 |
| USD_IRS_1M_OTC_02YxUSD_IRS_1M_OTC_01Y | 4.7682 | 0.80 | 2250 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_11M | 16.9742 | 0.85 | 2251 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_10M | 16.9742 | 0.85 | 2252 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_09M | 16.9742 | 0.85 | 2253 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_08M | 16.9742 | 0.85 | 2254 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_07M | 16.9742 | 0.85 | 2255 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_06M | 57.2449 | 0.50 | 2256 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_05M | 57.2449 | 0.50 | 2257 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_04M | 57.2449 | 0.50 | 2258 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_03M | 57.2449 | 0.50 | 2259 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_02M | 57.2449 | 0.50 | 2260 |
| USD_IRS_1M_OTC_02YxUSD_FRA_1M_OTC_01M | 57.2449 | 0.50 | 2261 |
| USD_IRS_1M_OTC_18MxUSD_IRS_1M_OTC_01Y | 4.7682 | 0.80 | 2262 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_11M | 16.9742 | 0.85 | 2263 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_10M | 16.9742 | 0.85 | 2264 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_09M | 16.9742 | 0.85 | 2265 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_08M | 16.9742 | 0.85 | 2266 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_07M | 16.9742 | 0.85 | 2267 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_06M | 57.2449 | 0.50 | 2268 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_05M | 57.2449 | 0.50 | 2269 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_04M | 57.2449 | 0.50 | 2270 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_03M | 57.2449 | 0.50 | 2271 |
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_02M | 57.2449 | 0.50 | 2272 |

| ID | Offset Ratio | Relief Rate | Priority |
|---------------------------------------|--------------|-------------|----------|
| USD_IRS_1M_OTC_18MxUSD_FRA_1M_OTC_01M | 57.2449 | 0.50 | 2273 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_11M | 3.5598 | 0.80 | 2274 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_10M | 3.5598 | 0.80 | 2275 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_09M | 3.5598 | 0.80 | 2276 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_08M | 3.5598 | 0.80 | 2277 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_07M | 3.5598 | 0.80 | 2278 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_06M | 12.0054 | 0.60 | 2279 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_05M | 12.0054 | 0.60 | 2280 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_04M | 12.0054 | 0.60 | 2281 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_03M | 12.0054 | 0.60 | 2282 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_02M | 12.0054 | 0.60 | 2283 |
| USD_IRS_1M_OTC_01YxUSD_FRA_1M_OTC_01M | 12.0054 | 0.60 | 2284 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_10M | 1.0000 | 0.90 | 2285 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_09M | 1.0000 | 0.90 | 2286 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_08M | 1.0000 | 0.90 | 2287 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_07M | 1.0000 | 0.90 | 2288 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_06M | 3.3725 | 0.00 | 2289 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_05M | 3.3725 | 0.00 | 2290 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_04M | 3.3725 | 0.00 | 2291 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_03M | 3.3725 | 0.00 | 2292 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_02M | 3.3725 | 0.00 | 2293 |
| USD_FRA_1M_OTC_11MxUSD_FRA_1M_OTC_01M | 3.3725 | 0.00 | 2294 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_09M | 1.0000 | 0.90 | 2295 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_08M | 1.0000 | 0.90 | 2296 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_07M | 1.0000 | 0.90 | 2297 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_06M | 3.3725 | 0.00 | 2298 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_05M | 3.3725 | 0.00 | 2299 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_04M | 3.3725 | 0.00 | 2300 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_03M | 3.3725 | 0.00 | 2301 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_02M | 3.3725 | 0.00 | 2302 |
| USD_FRA_1M_OTC_10MxUSD_FRA_1M_OTC_01M | 3.3725 | 0.00 | 2303 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_08M | 1.0000 | 0.90 | 2304 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_07M | 1.0000 | 0.90 | 2305 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_06M | 3.3725 | 0.00 | 2306 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_05M | 3.3725 | 0.00 | 2307 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_04M | 3.3725 | 0.00 | 2308 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_03M | 3.3725 | 0.00 | 2309 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_02M | 3.3725 | 0.00 | 2310 |
| USD_FRA_1M_OTC_09MxUSD_FRA_1M_OTC_01M | 3.3725 | 0.00 | 2311 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_07M | 1.0000 | 0.90 | 2312 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_06M | 3.3725 | 0.00 | 2313 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_05M | 3.3725 | 0.00 | 2314 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_04M | 3.3725 | 0.00 | 2315 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_03M | 3.3725 | 0.00 | 2316 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_02M | 3.3725 | 0.00 | 2317 |
| USD_FRA_1M_OTC_08MxUSD_FRA_1M_OTC_01M | 3.3725 | 0.00 | 2318 |
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_06M | 3.3725 | 0.00 | 2319 |
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_05M | 3.3725 | 0.00 | 2320 |

| ID | Offset Ratio | Relief Rate | Priority |
|---|--------------|-------------|----------|
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_04M | 3.3725 | 0.00 | 2321 |
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_03M | 3.3725 | 0.00 | 2322 |
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_02M | 3.3725 | 0.00 | 2323 |
| USD_FRA_1M_OTC_07MxUSD_FRA_1M_OTC_01M | 3.3725 | 0.00 | 2324 |
| USD_FRA_1M_OTC_06MxUSD_FRA_1M_OTC_05M | 1.0000 | 0.90 | 2325 |
| USD_FRA_1M_OTC_06MxUSD_FRA_1M_OTC_04M | 1.0000 | 0.90 | 2326 |
| USD_FRA_1M_OTC_06MxUSD_FRA_1M_OTC_03M | 1.0000 | 0.90 | 2327 |
| USD_FRA_1M_OTC_06MxUSD_FRA_1M_OTC_02M | 1.0000 | 0.90 | 2328 |
| USD_FRA_1M_OTC_06MxUSD_FRA_1M_OTC_01M | 1.0000 | 0.90 | 2329 |
| USD_FRA_1M_OTC_05MxUSD_FRA_1M_OTC_04M | 1.0000 | 0.90 | 2330 |
| USD_FRA_1M_OTC_05MxUSD_FRA_1M_OTC_03M | 1.0000 | 0.90 | 2331 |
| USD_FRA_1M_OTC_05MxUSD_FRA_1M_OTC_02M | 1.0000 | 0.90 | 2332 |
| USD_FRA_1M_OTC_05MxUSD_FRA_1M_OTC_01M | 1.0000 | 0.90 | 2333 |
| USD_FRA_1M_OTC_04MxUSD_FRA_1M_OTC_03M | 1.0000 | 0.90 | 2334 |
| USD_FRA_1M_OTC_04MxUSD_FRA_1M_OTC_02M | 1.0000 | 0.90 | 2335 |
| USD_FRA_1M_OTC_04MxUSD_FRA_1M_OTC_01M | 1.0000 | 0.90 | 2336 |
| USD_FRA_1M_OTC_03MxUSD_FRA_1M_OTC_02M | 1.0000 | 0.90 | 2337 |
| USD_FRA_1M_OTC_03MxUSD_FRA_1M_OTC_01M | 1.0000 | 0.90 | 2338 |
| USD_FRA_1M_OTC_02MxUSD_FRA_1M_OTC_01M | 1.0000 | 0.90 | 2339 |
| USD_OIS_OIS_OTC_05YxUSD_OIS_OIS_OTC_04Y | 1.3127 | 0.90 | 2665 |
| USD_OIS_OIS_OTC_05YxUSD_OIS_OIS_OTC_03Y | 2.0293 | 0.90 | 2666 |
| USD_OIS_OIS_OTC_05YxUSD_OIS_OIS_OTC_02Y | 4.4336 | 0.90 | 2667 |
| USD_OIS_OIS_OTC_05YxUSD_OIS_OIS_OTC_12M | 27.9111 | 0.50 | 2668 |
| USD_OIS_OIS_OTC_04YxUSD_OIS_OIS_OTC_03Y | 1.5459 | 0.90 | 2669 |
| USD_OIS_OIS_OTC_04YxUSD_OIS_OIS_OTC_02Y | 3.3776 | 0.90 | 2670 |
| USD_OIS_OIS_OTC_04YxUSD_OIS_OIS_OTC_12M | 21.2629 | 0.55 | 2671 |
| USD_OIS_OIS_OTC_03YxUSD_OIS_OIS_OTC_02Y | 2.1848 | 0.90 | 2672 |
| USD_OIS_OIS_OTC_03YxUSD_OIS_OIS_OTC_12M | 13.7540 | 0.60 | 2673 |
| USD_OIS_OIS_OTC_02YxUSD_OIS_OIS_OTC_12M | 6.2953 | 0.65 | 2674 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_30Y | 0.9486 | 0.85 | 2675 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_25Y | 1.0494 | 0.85 | 2676 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_20Y | 1.1805 | 0.85 | 2677 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_15Y | 1.3901 | 0.90 | 2678 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_12Y | 1.3901 | 0.90 | 2679 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_10Y | 1.8481 | 0.90 | 2680 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_07Y | 2.4197 | 0.80 | 2681 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_05Y | 3.3202 | 0.75 | 2682 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_04Y | 4.2338 | 0.75 | 2683 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_03Y | 6.4077 | 0.70 | 2684 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_02Y | 13.2613 | 0.65 | 2685 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_18M | 13.2613 | 0.65 | 2686 |
| USD_IRS_3M_OTC_30YxUSD_IRS_1M_OTC_01Y | 63.2329 | 0.45 | 2687 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_11M | 225.0996 | 0.60 | 2688 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_10M | 225.0996 | 0.60 | 2689 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_09M | 225.0996 | 0.60 | 2690 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_08M | 225.0996 | 0.60 | 2691 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_07M | 225.0996 | 0.60 | 2692 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_06M | 759.1387 | 0.00 | 2693 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_05M | 759.1387 | 0.00 | 2694 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_04M | 759.1387 | 0.00 | 2695 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_03M | 759.1387 | 0.00 | 2696 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_02M | 759.1387 | 0.00 | 2697 |
| USD_IRS_3M_OTC_30YxUSD_FRA_1M_OTC_01M | 759.1387 | 0.00 | 2698 |
| USD_IRS_3M_OTC_30YxUSD_OIS_OIS_OTC_05Y | 3.3651 | 0.80 | 2725 |
| USD_IRS_3M_OTC_30YxUSD_OIS_OIS_OTC_04Y | 4.4173 | 0.75 | 2726 |
| USD_IRS_3M_OTC_30YxUSD_OIS_OIS_OTC_03Y | 6.8288 | 0.70 | 2727 |
| USD_IRS_3M_OTC_30YxUSD_OIS_OIS_OTC_02Y | 14.9196 | 0.70 | 2728 |
| USD_IRS_3M_OTC_30YxUSD_OIS_OIS_OTC_12M | 93.9237 | 0.00 | 2729 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_30Y | 0.8852 | 0.85 | 2730 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_25Y | 0.9792 | 0.85 | 2731 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_20Y | 1.1015 | 0.85 | 2732 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_15Y | 1.2971 | 0.90 | 2733 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_12Y | 1.2971 | 0.90 | 2734 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_10Y | 1.7245 | 0.90 | 2735 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_07Y | 2.2579 | 0.85 | 2736 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_05Y | 3.0981 | 0.75 | 2737 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_04Y | 3.9507 | 0.75 | 2738 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_03Y | 5.9792 | 0.70 | 2739 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_02Y | 12.3744 | 0.65 | 2740 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_18M | 12.3744 | 0.65 | 2741 |
| USD_IRS_3M_OTC_25YxUSD_IRS_1M_OTC_01Y | 59.0041 | 0.45 | 2742 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_11M | 210.0455 | 0.60 | 2743 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_10M | 210.0455 | 0.60 | 2744 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_09M | 210.0455 | 0.60 | 2745 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_08M | 210.0455 | 0.60 | 2746 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_07M | 210.0455 | 0.60 | 2747 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_06M | 708.3695 | 0.00 | 2748 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_05M | 708.3695 | 0.00 | 2749 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_04M | 708.3695 | 0.00 | 2750 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_03M | 708.3695 | 0.00 | 2751 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_02M | 708.3695 | 0.00 | 2752 |
| USD_IRS_3M_OTC_25YxUSD_FRA_1M_OTC_01M | 708.3695 | 0.00 | 2753 |
| USD_IRS_3M_OTC_25YxUSD_OIS_OIS_OTC_05Y | 3.1401 | 0.80 | 2780 |
| USD_IRS_3M_OTC_25YxUSD_OIS_OIS_OTC_04Y | 4.1218 | 0.75 | 2781 |
| USD_IRS_3M_OTC_25YxUSD_OIS_OIS_OTC_03Y | 6.3721 | 0.75 | 2782 |
| USD_IRS_3M_OTC_25YxUSD_OIS_OIS_OTC_02Y | 13.9218 | 0.70 | 2783 |
| USD_IRS_3M_OTC_25YxUSD_OIS_OIS_OTC_12M | 87.6424 | 0.00 | 2784 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_30Y | 0.7392 | 0.85 | 2785 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_25Y | 0.8178 | 0.85 | 2786 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_20Y | 0.9199 | 0.90 | 2787 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_15Y | 1.0833 | 0.90 | 2788 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_12Y | 1.0833 | 0.90 | 2789 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_10Y | 1.4401 | 0.90 | 2790 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_07Y | 1.8856 | 0.85 | 2791 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_05Y | 2.5873 | 0.80 | 2792 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_04Y | 3.2993 | 0.80 | 2793 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_03Y | 4.9933 | 0.70 | 2794 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_02Y | 10.3341 | 0.70 | 2795 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_18M | 10.3341 | 0.70 | 2796 |
| USD_IRS_3M_OTC_20YxUSD_IRS_1M_OTC_01Y | 49.2754 | 0.50 | 2797 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_11M | 175.4130 | 0.65 | 2798 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_10M | 175.4130 | 0.65 | 2799 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_09M | 175.4130 | 0.65 | 2800 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_08M | 175.4130 | 0.65 | 2801 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_07M | 175.4130 | 0.65 | 2802 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_06M | 591.5729 | 0.00 | 2803 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_05M | 591.5729 | 0.00 | 2804 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_04M | 591.5729 | 0.00 | 2805 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_03M | 591.5729 | 0.00 | 2806 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_02M | 591.5729 | 0.00 | 2807 |
| USD_IRS_3M_OTC_20YxUSD_FRA_1M_OTC_01M | 591.5729 | 0.00 | 2808 |
| USD_IRS_3M_OTC_20YxUSD_OIS_OIS_OTC_05Y | 2.6223 | 0.85 | 2835 |
| USD_IRS_3M_OTC_20YxUSD_OIS_OIS_OTC_04Y | 3.4422 | 0.80 | 2836 |
| USD_IRS_3M_OTC_20YxUSD_OIS_OIS_OTC_03Y | 5.3215 | 0.75 | 2837 |
| USD_IRS_3M_OTC_20YxUSD_OIS_OIS_OTC_02Y | 11.6264 | 0.70 | 2838 |
| USD_IRS_3M_OTC_20YxUSD_OIS_OIS_OTC_12M | 73.1918 | 0.40 | 2839 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_30Y | 0.6321 | 0.80 | 2840 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_25Y | 0.6992 | 0.85 | 2841 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_20Y | 0.7865 | 0.85 | 2842 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_15Y | 0.9262 | 0.90 | 2843 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_12Y | 0.9262 | 0.90 | 2844 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_10Y | 1.2313 | 0.90 | 2845 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_07Y | 1.6122 | 0.90 | 2846 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_05Y | 2.2121 | 0.85 | 2847 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_04Y | 2.8209 | 0.80 | 2848 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_03Y | 4.2693 | 0.75 | 2849 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_02Y | 8.8356 | 0.70 | 2850 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_18M | 8.8356 | 0.70 | 2851 |
| USD_IRS_3M_OTC_15YxUSD_IRS_1M_OTC_01Y | 42.1303 | 0.50 | 2852 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_11M | 149.9776 | 0.65 | 2853 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_10M | 149.9776 | 0.65 | 2854 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_09M | 149.9776 | 0.65 | 2855 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_08M | 149.9776 | 0.65 | 2856 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_07M | 149.9776 | 0.65 | 2857 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_06M | 505.7931 | 0.00 | 2858 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_05M | 505.7931 | 0.00 | 2859 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_04M | 505.7931 | 0.00 | 2860 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_03M | 505.7931 | 0.00 | 2861 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_02M | 505.7931 | 0.00 | 2862 |
| USD_IRS_3M_OTC_15YxUSD_FRA_1M_OTC_01M | 505.7931 | 0.00 | 2863 |
| USD_IRS_3M_OTC_15YxUSD_OIS_OIS_OTC_05Y | 2.2421 | 0.85 | 2890 |
| USD_IRS_3M_OTC_15YxUSD_OIS_OIS_OTC_04Y | 2.9431 | 0.85 | 2891 |
| USD_IRS_3M_OTC_15YxUSD_OIS_OIS_OTC_03Y | 4.5499 | 0.80 | 2892 |
| USD_IRS_3M_OTC_15YxUSD_OIS_OIS_OTC_02Y | 9.9405 | 0.75 | 2893 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_15YxUSD_OIS_OIS_OTC_12M | 62.5788 | 0.40 | 2894 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_30Y | 0.6321 | 0.80 | 2895 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_25Y | 0.6992 | 0.85 | 2896 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_20Y | 0.7865 | 0.85 | 2897 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_15Y | 0.9262 | 0.90 | 2898 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_12Y | 0.9262 | 0.90 | 2899 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_10Y | 1.2313 | 0.90 | 2900 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_07Y | 1.6122 | 0.90 | 2901 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_05Y | 2.2121 | 0.85 | 2902 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_04Y | 2.8209 | 0.80 | 2903 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_03Y | 4.2693 | 0.75 | 2904 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_02Y | 8.8356 | 0.70 | 2905 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_18M | 8.8356 | 0.70 | 2906 |
| USD_IRS_3M_OTC_12YxUSD_IRS_1M_OTC_01Y | 42.1303 | 0.50 | 2907 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_11M | 149.9776 | 0.65 | 2908 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_10M | 149.9776 | 0.65 | 2909 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_09M | 149.9776 | 0.65 | 2910 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_08M | 149.9776 | 0.65 | 2911 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_07M | 149.9776 | 0.65 | 2912 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_06M | 505.7931 | 0.00 | 2913 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_05M | 505.7931 | 0.00 | 2914 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_04M | 505.7931 | 0.00 | 2915 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_03M | 505.7931 | 0.00 | 2916 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_02M | 505.7931 | 0.00 | 2917 |
| USD_IRS_3M_OTC_12YxUSD_FRA_1M_OTC_01M | 505.7931 | 0.00 | 2918 |
| USD_IRS_3M_OTC_12YxUSD_OIS_OIS_OTC_05Y | 2.2421 | 0.85 | 2945 |
| USD_IRS_3M_OTC_12YxUSD_OIS_OIS_OTC_04Y | 2.9431 | 0.85 | 2946 |
| USD_IRS_3M_OTC_12YxUSD_OIS_OIS_OTC_03Y | 4.5499 | 0.80 | 2947 |
| USD_IRS_3M_OTC_12YxUSD_OIS_OIS_OTC_02Y | 9.9405 | 0.75 | 2948 |
| USD_IRS_3M_OTC_12YxUSD_OIS_OIS_OTC_12M | 62.5788 | 0.40 | 2949 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_30Y | 0.4926 | 0.80 | 2950 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_25Y | 0.5449 | 0.85 | 2951 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_20Y | 0.6130 | 0.85 | 2952 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_15Y | 0.7219 | 0.90 | 2953 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_12Y | 0.7219 | 0.90 | 2954 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_10Y | 0.9597 | 0.90 | 2955 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_07Y | 1.2565 | 0.90 | 2956 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_05Y | 1.7241 | 0.85 | 2957 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_04Y | 2.1985 | 0.85 | 2958 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_03Y | 3.3274 | 0.80 | 2959 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_02Y | 6.8863 | 0.75 | 2960 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_18M | 6.8863 | 0.75 | 2961 |
| USD_IRS_3M_OTC_10YxUSD_IRS_1M_OTC_01Y | 32.8355 | 0.55 | 2962 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_11M | 116.8896 | 0.70 | 2963 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_10M | 116.8896 | 0.70 | 2964 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_09M | 116.8896 | 0.70 | 2965 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_08M | 116.8896 | 0.70 | 2966 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_07M | 116.8896 | 0.70 | 2967 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_06M | 394.2051 | 0.00 | 2968 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_05M | 394.2051 | 0.00 | 2969 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_04M | 394.2051 | 0.00 | 2970 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_03M | 394.2051 | 0.00 | 2971 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_02M | 394.2051 | 0.00 | 2972 |
| USD_IRS_3M_OTC_10YxUSD_FRA_1M_OTC_01M | 394.2051 | 0.00 | 2973 |
| USD_IRS_3M_OTC_10YxUSD_OIS_OIS_OTC_05Y | 1.7474 | 0.90 | 3000 |
| USD_IRS_3M_OTC_10YxUSD_OIS_OIS_OTC_04Y | 2.2938 | 0.85 | 3001 |
| USD_IRS_3M_OTC_10YxUSD_OIS_OIS_OTC_03Y | 3.5461 | 0.85 | 3002 |
| USD_IRS_3M_OTC_10YxUSD_OIS_OIS_OTC_02Y | 7.7474 | 0.80 | 3003 |
| USD_IRS_3M_OTC_10YxUSD_OIS_OIS_OTC_12M | 48.7727 | 0.40 | 3004 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_30Y | 0.4564 | 0.80 | 3005 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_25Y | 0.5049 | 0.80 | 3006 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_20Y | 0.5679 | 0.85 | 3007 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_15Y | 0.6688 | 0.90 | 3008 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_12Y | 0.6688 | 0.90 | 3009 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_10Y | 0.8891 | 0.90 | 3010 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_07Y | 1.1642 | 0.90 | 3011 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_05Y | 1.5974 | 0.90 | 3012 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_04Y | 2.0370 | 0.85 | 3013 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_03Y | 3.0828 | 0.80 | 3014 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_02Y | 6.3802 | 0.75 | 3015 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_18M | 6.3802 | 0.75 | 3016 |
| USD_IRS_3M_OTC_09YxUSD_IRS_1M_OTC_01Y | 30.4222 | 0.55 | 3017 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_11M | 108.2983 | 0.70 | 3018 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_10M | 108.2983 | 0.70 | 3019 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_09M | 108.2983 | 0.70 | 3020 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_08M | 108.2983 | 0.70 | 3021 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_07M | 108.2983 | 0.70 | 3022 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_06M | 365.2315 | 0.00 | 3023 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_05M | 365.2315 | 0.00 | 3024 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_04M | 365.2315 | 0.00 | 3025 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_03M | 365.2315 | 0.00 | 3026 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_02M | 365.2315 | 0.00 | 3027 |
| USD_IRS_3M_OTC_09YxUSD_FRA_1M_OTC_01M | 365.2315 | 0.00 | 3028 |
| USD_IRS_3M_OTC_09YxUSD_OIS_OIS_OTC_05Y | 1.6190 | 0.90 | 3055 |
| USD_IRS_3M_OTC_09YxUSD_OIS_OIS_OTC_04Y | 2.1252 | 0.90 | 3056 |
| USD_IRS_3M_OTC_09YxUSD_OIS_OIS_OTC_03Y | 3.2854 | 0.85 | 3057 |
| USD_IRS_3M_OTC_09YxUSD_OIS_OIS_OTC_02Y | 7.1780 | 0.80 | 3058 |
| USD_IRS_3M_OTC_09YxUSD_OIS_OIS_OTC_12M | 45.1879 | 0.45 | 3059 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_30Y | 0.4206 | 0.80 | 3060 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_25Y | 0.4653 | 0.80 | 3061 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_20Y | 0.5234 | 0.85 | 3062 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_15Y | 0.6163 | 0.90 | 3063 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_12Y | 0.6163 | 0.90 | 3064 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_10Y | 0.8194 | 0.90 | 3065 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_07Y | 1.0728 | 0.90 | 3066 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_05Y | 1.4720 | 0.90 | 3067 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_04Y | 1.8771 | 0.90 | 3068 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_03Y | 2.8409 | 0.85 | 3069 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_02Y | 5.8795 | 0.80 | 3070 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_18M | 5.8795 | 0.80 | 3071 |
| USD_IRS_3M_OTC_08YxUSD_IRS_1M_OTC_01Y | 28.0349 | 0.60 | 3072 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_11M | 99.7998 | 0.70 | 3073 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_10M | 99.7998 | 0.70 | 3074 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_09M | 99.7998 | 0.70 | 3075 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_08M | 99.7998 | 0.70 | 3076 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_07M | 99.7998 | 0.70 | 3077 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_06M | 336.5706 | 0.00 | 3078 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_05M | 336.5706 | 0.00 | 3079 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_04M | 336.5706 | 0.00 | 3080 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_03M | 336.5706 | 0.00 | 3081 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_02M | 336.5706 | 0.00 | 3082 |
| USD_IRS_3M_OTC_08YxUSD_FRA_1M_OTC_01M | 336.5706 | 0.00 | 3083 |
| USD_IRS_3M_OTC_08YxUSD_OIS_OIS_OTC_05Y | 1.4919 | 0.90 | 3110 |
| USD_IRS_3M_OTC_08YxUSD_OIS_OIS_OTC_04Y | 1.9584 | 0.90 | 3111 |
| USD_IRS_3M_OTC_08YxUSD_OIS_OIS_OTC_03Y | 3.0276 | 0.85 | 3112 |
| USD_IRS_3M_OTC_08YxUSD_OIS_OIS_OTC_02Y | 6.6147 | 0.80 | 3113 |
| USD_IRS_3M_OTC_08YxUSD_OIS_OIS_OTC_12M | 41.6419 | 0.45 | 3114 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_30Y | 0.3707 | 0.75 | 3115 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_25Y | 0.4100 | 0.75 | 3116 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_20Y | 0.4613 | 0.80 | 3117 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_15Y | 0.5432 | 0.85 | 3118 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_12Y | 0.5432 | 0.85 | 3119 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_10Y | 0.7221 | 0.90 | 3120 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_07Y | 0.9455 | 0.90 | 3121 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_05Y | 1.2973 | 0.90 | 3122 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_04Y | 1.6543 | 0.90 | 3123 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_03Y | 2.5037 | 0.85 | 3124 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_02Y | 5.1816 | 0.80 | 3125 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_18M | 5.1816 | 0.80 | 3126 |
| USD_IRS_3M_OTC_07YxUSD_IRS_1M_OTC_01Y | 24.7073 | 0.60 | 3127 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_11M | 87.9541 | 0.75 | 3128 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_10M | 87.9541 | 0.75 | 3129 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_09M | 87.9541 | 0.75 | 3130 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_08M | 87.9541 | 0.75 | 3131 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_07M | 87.9541 | 0.75 | 3132 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_06M | 296.6213 | 0.00 | 3133 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_05M | 296.6213 | 0.00 | 3134 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_04M | 296.6213 | 0.00 | 3135 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_03M | 296.6213 | 0.00 | 3136 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_02M | 296.6213 | 0.00 | 3137 |
| USD_IRS_3M_OTC_07YxUSD_FRA_1M_OTC_01M | 296.6213 | 0.00 | 3138 |
| USD_IRS_3M_OTC_07YxUSD_OIS_OIS_OTC_05Y | 1.3149 | 0.90 | 3165 |
| USD_IRS_3M_OTC_07YxUSD_OIS_OIS_OTC_04Y | 1.7260 | 0.90 | 3166 |
| USD_IRS_3M_OTC_07YxUSD_OIS_OIS_OTC_03Y | 2.6683 | 0.90 | 3167 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_07YxUSD_OIS_OIS_OTC_02Y | 5.8296 | 0.85 | 3168 |
| USD_IRS_3M_OTC_07YxUSD_OIS_OIS_OTC_12M | 36.6992 | 0.45 | 3169 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_30Y | 0.3275 | 0.70 | 3170 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_25Y | 0.3623 | 0.75 | 3171 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_20Y | 0.4075 | 0.80 | 3172 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_15Y | 0.4799 | 0.85 | 3173 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_12Y | 0.4799 | 0.85 | 3174 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_10Y | 0.6379 | 0.90 | 3175 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_07Y | 0.8353 | 0.90 | 3176 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_05Y | 1.1461 | 0.90 | 3177 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_04Y | 1.4615 | 0.90 | 3178 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_03Y | 2.2119 | 0.90 | 3179 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_02Y | 4.5778 | 0.85 | 3180 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_18M | 4.5778 | 0.85 | 3181 |
| USD_IRS_3M_OTC_06YxUSD_IRS_1M_OTC_01Y | 21.8279 | 0.65 | 3182 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_11M | 77.7039 | 0.75 | 3183 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_10M | 77.7039 | 0.75 | 3184 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_09M | 77.7039 | 0.75 | 3185 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_08M | 77.7039 | 0.75 | 3186 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_07M | 77.7039 | 0.75 | 3187 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_06M | 262.0529 | 0.00 | 3188 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_05M | 262.0529 | 0.00 | 3189 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_04M | 262.0529 | 0.00 | 3190 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_03M | 262.0529 | 0.00 | 3191 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_02M | 262.0529 | 0.00 | 3192 |
| USD_IRS_3M_OTC_06YxUSD_FRA_1M_OTC_01M | 262.0529 | 0.00 | 3193 |
| USD_IRS_3M_OTC_06YxUSD_OIS_OIS_OTC_05Y | 1.1616 | 0.90 | 3220 |
| USD_IRS_3M_OTC_06YxUSD_OIS_OIS_OTC_04Y | 1.5248 | 0.90 | 3221 |
| USD_IRS_3M_OTC_06YxUSD_OIS_OIS_OTC_03Y | 2.3573 | 0.90 | 3222 |
| USD_IRS_3M_OTC_06YxUSD_OIS_OIS_OTC_02Y | 5.1502 | 0.85 | 3223 |
| USD_IRS_3M_OTC_06YxUSD_OIS_OIS_OTC_12M | 32.4223 | 0.50 | 3224 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_30Y | 0.2724 | 0.70 | 3225 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_25Y | 0.3014 | 0.70 | 3226 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_20Y | 0.3390 | 0.75 | 3227 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_15Y | 0.3992 | 0.80 | 3228 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_12Y | 0.3992 | 0.80 | 3229 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_10Y | 0.5307 | 0.90 | 3230 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_07Y | 0.6949 | 0.90 | 3231 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_05Y | 0.9534 | 0.90 | 3232 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_04Y | 1.2158 | 0.90 | 3233 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_03Y | 1.8401 | 0.90 | 3234 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_02Y | 3.8082 | 0.85 | 3235 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_18M | 3.8082 | 0.85 | 3236 |
| USD_IRS_3M_OTC_05YxUSD_IRS_1M_OTC_01Y | 18.1584 | 0.65 | 3237 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_11M | 64.6411 | 0.80 | 3238 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_10M | 64.6411 | 0.80 | 3239 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_09M | 64.6411 | 0.80 | 3240 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_08M | 64.6411 | 0.80 | 3241 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_07M | 64.6411 | 0.80 | 3242 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_06M | 217.9994 | 0.00 | 3243 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_05M | 217.9994 | 0.00 | 3244 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_04M | 217.9994 | 0.00 | 3245 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_03M | 217.9994 | 0.00 | 3246 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_02M | 217.9994 | 0.00 | 3247 |
| USD_IRS_3M_OTC_05YxUSD_FRA_1M_OTC_01M | 217.9994 | 0.00 | 3248 |
| USD_IRS_3M_OTC_05YxUSD_OIS_OIS_OTC_05Y | 0.9663 | 0.90 | 3275 |
| USD_IRS_3M_OTC_05YxUSD_OIS_OIS_OTC_04Y | 1.2685 | 0.90 | 3276 |
| USD_IRS_3M_OTC_05YxUSD_OIS_OIS_OTC_03Y | 1.9610 | 0.90 | 3277 |
| USD_IRS_3M_OTC_05YxUSD_OIS_OIS_OTC_02Y | 4.2844 | 0.90 | 3278 |
| USD_IRS_3M_OTC_05YxUSD_OIS_OIS_OTC_12M | 26.9718 | 0.50 | 3279 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_30Y | 0.2104 | 0.65 | 3280 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_25Y | 0.2327 | 0.70 | 3281 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_20Y | 0.2618 | 0.70 | 3282 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_15Y | 0.3083 | 0.80 | 3283 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_12Y | 0.3083 | 0.80 | 3284 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_10Y | 0.4098 | 0.85 | 3285 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_07Y | 0.5366 | 0.90 | 3286 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_05Y | 0.7363 | 0.90 | 3287 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_04Y | 0.9389 | 0.90 | 3288 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_03Y | 1.4210 | 0.90 | 3289 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_02Y | 2.9409 | 0.90 | 3290 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_18M | 2.9409 | 0.90 | 3291 |
| USD_IRS_3M_OTC_04YxUSD_IRS_1M_OTC_01Y | 14.0228 | 0.70 | 3292 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_11M | 49.9192 | 0.80 | 3293 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_10M | 49.9192 | 0.80 | 3294 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_09M | 49.9192 | 0.80 | 3295 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_08M | 49.9192 | 0.80 | 3296 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_07M | 49.9192 | 0.80 | 3297 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_06M | 168.3504 | 0.00 | 3298 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_05M | 168.3504 | 0.00 | 3299 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_04M | 168.3504 | 0.00 | 3300 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_03M | 168.3504 | 0.00 | 3301 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_02M | 168.3504 | 0.00 | 3302 |
| USD_IRS_3M_OTC_04YxUSD_FRA_1M_OTC_01M | 168.3504 | 0.00 | 3303 |
| USD_IRS_3M_OTC_04YxUSD_OIS_OIS_OTC_05Y | 0.7463 | 0.90 | 3330 |
| USD_IRS_3M_OTC_04YxUSD_OIS_OIS_OTC_04Y | 0.9796 | 0.90 | 3331 |
| USD_IRS_3M_OTC_04YxUSD_OIS_OIS_OTC_03Y | 1.5144 | 0.90 | 3332 |
| USD_IRS_3M_OTC_04YxUSD_OIS_OIS_OTC_02Y | 3.3086 | 0.90 | 3333 |
| USD_IRS_3M_OTC_04YxUSD_OIS_OIS_OTC_12M | 20.8290 | 0.55 | 3334 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_30Y | 0.1371 | 0.60 | 3335 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_25Y | 0.1517 | 0.60 | 3336 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_20Y | 0.1706 | 0.65 | 3337 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_15Y | 0.2009 | 0.70 | 3338 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_12Y | 0.2009 | 0.70 | 3339 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_10Y | 0.2671 | 0.80 | 3340 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_07Y | 0.3498 | 0.80 | 3341 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_05Y | 0.4799 | 0.90 | 3342 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_04Y | 0.6120 | 0.90 | 3343 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_03Y | 0.9262 | 0.90 | 3344 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_02Y | 1.9169 | 0.90 | 3345 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_18M | 1.9169 | 0.90 | 3346 |
| USD_IRS_3M_OTC_03YxUSD_IRS_1M_OTC_01Y | 9.1401 | 0.75 | 3347 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_11M | 32.5372 | 0.80 | 3348 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_10M | 32.5372 | 0.80 | 3349 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_09M | 32.5372 | 0.80 | 3350 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_08M | 32.5372 | 0.80 | 3351 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_07M | 32.5372 | 0.80 | 3352 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_06M | 109.7305 | 0.45 | 3353 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_05M | 109.7305 | 0.45 | 3354 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_04M | 109.7305 | 0.45 | 3355 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_03M | 109.7305 | 0.45 | 3356 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_02M | 109.7305 | 0.45 | 3357 |
| USD_IRS_3M_OTC_03YxUSD_FRA_1M_OTC_01M | 109.7305 | 0.45 | 3358 |
| USD_IRS_3M_OTC_03YxUSD_OIS_OIS_OTC_05Y | 0.4864 | 0.90 | 3385 |
| USD_IRS_3M_OTC_03YxUSD_OIS_OIS_OTC_04Y | 0.6385 | 0.90 | 3386 |
| USD_IRS_3M_OTC_03YxUSD_OIS_OIS_OTC_03Y | 0.9871 | 0.90 | 3387 |
| USD_IRS_3M_OTC_03YxUSD_OIS_OIS_OTC_02Y | 2.1566 | 0.90 | 3388 |
| USD_IRS_3M_OTC_03YxUSD_OIS_OIS_OTC_12M | 13.5763 | 0.60 | 3389 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_30Y | 0.0794 | 0.50 | 3390 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_25Y | 0.0878 | 0.55 | 3391 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_20Y | 0.0988 | 0.55 | 3392 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_15Y | 0.1164 | 0.65 | 3393 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_12Y | 0.1164 | 0.65 | 3394 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_10Y | 0.1547 | 0.70 | 3395 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_07Y | 0.2025 | 0.75 | 3396 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_05Y | 0.2779 | 0.85 | 3397 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_04Y | 0.3544 | 0.85 | 3398 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_03Y | 0.5364 | 0.90 | 3399 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_02Y | 1.1101 | 0.90 | 3400 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_18M | 1.1101 | 0.90 | 3401 |
| USD_IRS_3M_OTC_02YxUSD_IRS_1M_OTC_01Y | 5.2931 | 0.75 | 3402 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_11M | 18.8425 | 0.75 | 3403 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_10M | 18.8425 | 0.75 | 3404 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_09M | 18.8425 | 0.75 | 3405 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_08M | 18.8425 | 0.75 | 3406 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_07M | 18.8425 | 0.75 | 3407 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_06M | 63.5456 | 0.45 | 3408 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_05M | 63.5456 | 0.45 | 3409 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_04M | 63.5456 | 0.45 | 3410 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_03M | 63.5456 | 0.45 | 3411 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_02M | 63.5456 | 0.45 | 3412 |
| USD_IRS_3M_OTC_02YxUSD_FRA_1M_OTC_01M | 63.5456 | 0.45 | 3413 |
| USD_IRS_3M_OTC_02YxUSD_OIS_OIS_OTC_05Y | 0.2817 | 0.85 | 3440 |
| USD_IRS_3M_OTC_02YxUSD_OIS_OIS_OTC_04Y | 0.3698 | 0.90 | 3441 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_3M_OTC_02YxUSD_OIS_OIS_OTC_03Y | 0.5716 | 0.90 | 3442 |
| USD_IRS_3M_OTC_02YxUSD_OIS_OIS_OTC_02Y | 1.2489 | 0.90 | 3443 |
| USD_IRS_3M_OTC_02YxUSD_OIS_OIS_OTC_12M | 7.8621 | 0.65 | 3444 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_30Y | 0.0191 | 0.55 | 3445 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_25Y | 0.0211 | 0.55 | 3446 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_20Y | 0.0237 | 0.60 | 3447 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_15Y | 0.0279 | 0.65 | 3448 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_12Y | 0.0279 | 0.65 | 3449 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_10Y | 0.0371 | 0.75 | 3450 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_07Y | 0.0486 | 0.70 | 3451 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_05Y | 0.0667 | 0.85 | 3452 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_04Y | 0.0850 | 0.85 | 3453 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_03Y | 0.1287 | 0.85 | 3454 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_02Y | 0.2663 | 0.90 | 3455 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_18M | 0.2663 | 0.90 | 3456 |
| USD_FRA_3M_OTC_23MxUSD_IRS_1M_OTC_01Y | 1.2699 | 0.60 | 3457 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_11M | 4.5206 | 0.75 | 3458 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_10M | 4.5206 | 0.75 | 3459 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_09M | 4.5206 | 0.75 | 3460 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_08M | 4.5206 | 0.75 | 3461 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_07M | 4.5206 | 0.75 | 3462 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_06M | 15.2455 | 0.40 | 3463 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_05M | 15.2455 | 0.40 | 3464 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_04M | 15.2455 | 0.40 | 3465 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_03M | 15.2455 | 0.40 | 3466 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_02M | 15.2455 | 0.40 | 3467 |
| USD_FRA_3M_OTC_23MxUSD_FRA_1M_OTC_01M | 15.2455 | 0.40 | 3468 |
| USD_FRA_3M_OTC_23MxUSD_OIS_OIS_OTC_05Y | 0.0676 | 0.85 | 3495 |
| USD_FRA_3M_OTC_23MxUSD_OIS_OIS_OTC_04Y | 0.0887 | 0.85 | 3496 |
| USD_FRA_3M_OTC_23MxUSD_OIS_OIS_OTC_03Y | 0.1371 | 0.90 | 3497 |
| USD_FRA_3M_OTC_23MxUSD_OIS_OIS_OTC_02Y | 0.2996 | 0.90 | 3498 |
| USD_FRA_3M_OTC_23MxUSD_OIS_OIS_OTC_12M | 1.8862 | 0.55 | 3499 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_30Y | 0.0191 | 0.55 | 3500 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_25Y | 0.0211 | 0.55 | 3501 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_20Y | 0.0237 | 0.60 | 3502 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_15Y | 0.0279 | 0.65 | 3503 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_12Y | 0.0279 | 0.65 | 3504 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_10Y | 0.0371 | 0.75 | 3505 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_07Y | 0.0486 | 0.70 | 3506 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_05Y | 0.0667 | 0.85 | 3507 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_04Y | 0.0850 | 0.85 | 3508 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_03Y | 0.1287 | 0.85 | 3509 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_02Y | 0.2663 | 0.90 | 3510 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_18M | 0.2663 | 0.90 | 3511 |
| USD_FRA_3M_OTC_22MxUSD_IRS_1M_OTC_01Y | 1.2699 | 0.60 | 3512 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_11M | 4.5206 | 0.75 | 3513 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_10M | 4.5206 | 0.75 | 3514 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_09M | 4.5206 | 0.75 | 3515 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_08M | 4.5206 | 0.75 | 3516 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_07M | 4.5206 | 0.75 | 3517 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_06M | 15.2455 | 0.40 | 3518 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_05M | 15.2455 | 0.40 | 3519 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_04M | 15.2455 | 0.40 | 3520 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_03M | 15.2455 | 0.40 | 3521 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_02M | 15.2455 | 0.40 | 3522 |
| USD_FRA_3M_OTC_22MxUSD_FRA_1M_OTC_01M | 15.2455 | 0.40 | 3523 |
| USD_FRA_3M_OTC_22MxUSD_OIS_OIS_OTC_05Y | 0.0676 | 0.85 | 3550 |
| USD_FRA_3M_OTC_22MxUSD_OIS_OIS_OTC_04Y | 0.0887 | 0.85 | 3551 |
| USD_FRA_3M_OTC_22MxUSD_OIS_OIS_OTC_03Y | 0.1371 | 0.90 | 3552 |
| USD_FRA_3M_OTC_22MxUSD_OIS_OIS_OTC_02Y | 0.2996 | 0.90 | 3553 |
| USD_FRA_3M_OTC_22MxUSD_OIS_OIS_OTC_12M | 1.8862 | 0.55 | 3554 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_30Y | 0.0191 | 0.55 | 3555 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_25Y | 0.0211 | 0.55 | 3556 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_20Y | 0.0237 | 0.60 | 3557 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_15Y | 0.0279 | 0.65 | 3558 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_12Y | 0.0279 | 0.65 | 3559 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_10Y | 0.0371 | 0.75 | 3560 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_07Y | 0.0486 | 0.70 | 3561 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_05Y | 0.0667 | 0.85 | 3562 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_04Y | 0.0850 | 0.85 | 3563 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_03Y | 0.1287 | 0.85 | 3564 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_02Y | 0.2663 | 0.90 | 3565 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_18M | 0.2663 | 0.90 | 3566 |
| USD_FRA_3M_OTC_21MxUSD_IRS_1M_OTC_01Y | 1.2699 | 0.60 | 3567 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_11M | 4.5206 | 0.75 | 3568 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_10M | 4.5206 | 0.75 | 3569 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_09M | 4.5206 | 0.75 | 3570 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_08M | 4.5206 | 0.75 | 3571 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_07M | 4.5206 | 0.75 | 3572 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_06M | 15.2455 | 0.40 | 3573 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_05M | 15.2455 | 0.40 | 3574 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_04M | 15.2455 | 0.40 | 3575 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_03M | 15.2455 | 0.40 | 3576 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_02M | 15.2455 | 0.40 | 3577 |
| USD_FRA_3M_OTC_21MxUSD_FRA_1M_OTC_01M | 15.2455 | 0.40 | 3578 |
| USD_FRA_3M_OTC_21MxUSD_OIS_OIS_OTC_05Y | 0.0676 | 0.85 | 3605 |
| USD_FRA_3M_OTC_21MxUSD_OIS_OIS_OTC_04Y | 0.0887 | 0.85 | 3606 |
| USD_FRA_3M_OTC_21MxUSD_OIS_OIS_OTC_03Y | 0.1371 | 0.90 | 3607 |
| USD_FRA_3M_OTC_21MxUSD_OIS_OIS_OTC_02Y | 0.2996 | 0.90 | 3608 |
| USD_FRA_3M_OTC_21MxUSD_OIS_OIS_OTC_12M | 1.8862 | 0.55 | 3609 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_30Y | 0.0191 | 0.55 | 3610 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_25Y | 0.0211 | 0.55 | 3611 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_20Y | 0.0237 | 0.60 | 3612 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_15Y | 0.0279 | 0.65 | 3613 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_12Y | 0.0279 | 0.65 | 3614 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_10Y | 0.0371 | 0.75 | 3615 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_07Y | 0.0486 | 0.70 | 3616 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_05Y | 0.0667 | 0.85 | 3617 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_04Y | 0.0850 | 0.85 | 3618 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_03Y | 0.1287 | 0.85 | 3619 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_02Y | 0.2663 | 0.90 | 3620 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_18M | 0.2663 | 0.90 | 3621 |
| USD_FRA_3M_OTC_20MxUSD_IRS_1M_OTC_01Y | 1.2699 | 0.60 | 3622 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_11M | 4.5206 | 0.75 | 3623 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_10M | 4.5206 | 0.75 | 3624 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_09M | 4.5206 | 0.75 | 3625 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_08M | 4.5206 | 0.75 | 3626 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_07M | 4.5206 | 0.75 | 3627 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_06M | 15.2455 | 0.40 | 3628 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_05M | 15.2455 | 0.40 | 3629 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_04M | 15.2455 | 0.40 | 3630 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_03M | 15.2455 | 0.40 | 3631 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_02M | 15.2455 | 0.40 | 3632 |
| USD_FRA_3M_OTC_20MxUSD_FRA_1M_OTC_01M | 15.2455 | 0.40 | 3633 |
| USD_FRA_3M_OTC_20MxUSD_OIS_OIS_OTC_05Y | 0.0676 | 0.85 | 3660 |
| USD_FRA_3M_OTC_20MxUSD_OIS_OIS_OTC_04Y | 0.0887 | 0.85 | 3661 |
| USD_FRA_3M_OTC_20MxUSD_OIS_OIS_OTC_03Y | 0.1371 | 0.90 | 3662 |
| USD_FRA_3M_OTC_20MxUSD_OIS_OIS_OTC_02Y | 0.2996 | 0.90 | 3663 |
| USD_FRA_3M_OTC_20MxUSD_OIS_OIS_OTC_12M | 1.8862 | 0.55 | 3664 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_30Y | 0.0191 | 0.55 | 3665 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_25Y | 0.0211 | 0.55 | 3666 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_20Y | 0.0237 | 0.60 | 3667 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_15Y | 0.0279 | 0.65 | 3668 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_12Y | 0.0279 | 0.65 | 3669 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_10Y | 0.0371 | 0.75 | 3670 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_07Y | 0.0486 | 0.70 | 3671 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_05Y | 0.0667 | 0.85 | 3672 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_04Y | 0.0850 | 0.85 | 3673 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_03Y | 0.1287 | 0.85 | 3674 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_02Y | 0.2663 | 0.90 | 3675 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_18M | 0.2663 | 0.90 | 3676 |
| USD_FRA_3M_OTC_19MxUSD_IRS_1M_OTC_01Y | 1.2699 | 0.60 | 3677 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_11M | 4.5206 | 0.75 | 3678 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_10M | 4.5206 | 0.75 | 3679 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_09M | 4.5206 | 0.75 | 3680 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_08M | 4.5206 | 0.75 | 3681 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_07M | 4.5206 | 0.75 | 3682 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_06M | 15.2455 | 0.40 | 3683 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_05M | 15.2455 | 0.40 | 3684 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_04M | 15.2455 | 0.40 | 3685 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_03M | 15.2455 | 0.40 | 3686 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_02M | 15.2455 | 0.40 | 3687 |
| USD_FRA_3M_OTC_19MxUSD_FRA_1M_OTC_01M | 15.2455 | 0.40 | 3688 |
| USD_FRA_3M_OTC_19MxUSD_OIS_OIS_OTC_05Y | 0.0676 | 0.85 | 3715 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_19MxUSD_OIS_OIS_OTC_04Y | 0.0887 | 0.85 | 3716 |
| USD_FRA_3M_OTC_19MxUSD_OIS_OIS_OTC_03Y | 0.1371 | 0.90 | 3717 |
| USD_FRA_3M_OTC_19MxUSD_OIS_OIS_OTC_02Y | 0.2996 | 0.90 | 3718 |
| USD_FRA_3M_OTC_19MxUSD_OIS_OIS_OTC_12M | 1.8862 | 0.55 | 3719 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_30Y | 0.0157 | 0.60 | 3720 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_25Y | 0.0173 | 0.60 | 3721 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_20Y | 0.0195 | 0.65 | 3722 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_15Y | 0.0229 | 0.70 | 3723 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_12Y | 0.0229 | 0.70 | 3724 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_10Y | 0.0305 | 0.80 | 3725 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_07Y | 0.0399 | 0.80 | 3726 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_05Y | 0.0548 | 0.90 | 3727 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_04Y | 0.0699 | 0.90 | 3728 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_03Y | 0.1058 | 0.90 | 3729 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_02Y | 0.2189 | 0.90 | 3730 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_18M | 0.2189 | 0.90 | 3731 |
| USD_FRA_3M_OTC_18MxUSD_IRS_1M_OTC_01Y | 1.0438 | 0.75 | 3732 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_11M | 3.7159 | 0.85 | 3733 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_10M | 3.7159 | 0.85 | 3734 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_09M | 3.7159 | 0.85 | 3735 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_08M | 3.7159 | 0.85 | 3736 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_07M | 3.7159 | 0.85 | 3737 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_06M | 12.5317 | 0.40 | 3738 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_05M | 12.5317 | 0.40 | 3739 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_04M | 12.5317 | 0.40 | 3740 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_03M | 12.5317 | 0.40 | 3741 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_02M | 12.5317 | 0.40 | 3742 |
| USD_FRA_3M_OTC_18MxUSD_FRA_1M_OTC_01M | 12.5317 | 0.40 | 3743 |
| USD_FRA_3M_OTC_18MxUSD_OIS_OIS_OTC_05Y | 0.0556 | 0.90 | 3770 |
| USD_FRA_3M_OTC_18MxUSD_OIS_OIS_OTC_04Y | 0.0729 | 0.90 | 3771 |
| USD_FRA_3M_OTC_18MxUSD_OIS_OIS_OTC_03Y | 0.1127 | 0.90 | 3772 |
| USD_FRA_3M_OTC_18MxUSD_OIS_OIS_OTC_02Y | 0.2463 | 0.90 | 3773 |
| USD_FRA_3M_OTC_18MxUSD_OIS_OIS_OTC_12M | 1.5505 | 0.60 | 3774 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_30Y | 0.0157 | 0.60 | 3775 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_25Y | 0.0173 | 0.60 | 3776 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_20Y | 0.0195 | 0.65 | 3777 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_15Y | 0.0229 | 0.70 | 3778 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_12Y | 0.0229 | 0.70 | 3779 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_10Y | 0.0305 | 0.80 | 3780 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_07Y | 0.0399 | 0.80 | 3781 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_05Y | 0.0548 | 0.90 | 3782 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_04Y | 0.0699 | 0.90 | 3783 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_03Y | 0.1058 | 0.90 | 3784 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_02Y | 0.2189 | 0.90 | 3785 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_18M | 0.2189 | 0.90 | 3786 |
| USD_FRA_3M_OTC_17MxUSD_IRS_1M_OTC_01Y | 1.0438 | 0.75 | 3787 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_11M | 3.7159 | 0.85 | 3788 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_10M | 3.7159 | 0.85 | 3789 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_09M | 3.7159 | 0.85 | 3790 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_08M | 3.7159 | 0.85 | 3791 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_07M | 3.7159 | 0.85 | 3792 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_06M | 12.5317 | 0.40 | 3793 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_05M | 12.5317 | 0.40 | 3794 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_04M | 12.5317 | 0.40 | 3795 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_03M | 12.5317 | 0.40 | 3796 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_02M | 12.5317 | 0.40 | 3797 |
| USD_FRA_3M_OTC_17MxUSD_FRA_1M_OTC_01M | 12.5317 | 0.40 | 3798 |
| USD_FRA_3M_OTC_17MxUSD_OIS_OIS_OTC_05Y | 0.0556 | 0.90 | 3825 |
| USD_FRA_3M_OTC_17MxUSD_OIS_OIS_OTC_04Y | 0.0729 | 0.90 | 3826 |
| USD_FRA_3M_OTC_17MxUSD_OIS_OIS_OTC_03Y | 0.1127 | 0.90 | 3827 |
| USD_FRA_3M_OTC_17MxUSD_OIS_OIS_OTC_02Y | 0.2463 | 0.90 | 3828 |
| USD_FRA_3M_OTC_17MxUSD_OIS_OIS_OTC_12M | 1.5505 | 0.60 | 3829 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_30Y | 0.0157 | 0.60 | 3830 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_25Y | 0.0173 | 0.60 | 3831 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_20Y | 0.0195 | 0.65 | 3832 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_15Y | 0.0229 | 0.70 | 3833 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_12Y | 0.0229 | 0.70 | 3834 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_10Y | 0.0305 | 0.80 | 3835 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_07Y | 0.0399 | 0.80 | 3836 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_05Y | 0.0548 | 0.90 | 3837 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_04Y | 0.0699 | 0.90 | 3838 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_03Y | 0.1058 | 0.90 | 3839 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_02Y | 0.2189 | 0.90 | 3840 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_18M | 0.2189 | 0.90 | 3841 |
| USD_FRA_3M_OTC_16MxUSD_IRS_1M_OTC_01Y | 1.0438 | 0.75 | 3842 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_11M | 3.7159 | 0.85 | 3843 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_10M | 3.7159 | 0.85 | 3844 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_09M | 3.7159 | 0.85 | 3845 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_08M | 3.7159 | 0.85 | 3846 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_07M | 3.7159 | 0.85 | 3847 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_06M | 12.5317 | 0.40 | 3848 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_05M | 12.5317 | 0.40 | 3849 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_04M | 12.5317 | 0.40 | 3850 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_03M | 12.5317 | 0.40 | 3851 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_02M | 12.5317 | 0.40 | 3852 |
| USD_FRA_3M_OTC_16MxUSD_FRA_1M_OTC_01M | 12.5317 | 0.40 | 3853 |
| USD_FRA_3M_OTC_16MxUSD_OIS_OIS_OTC_05Y | 0.0556 | 0.90 | 3880 |
| USD_FRA_3M_OTC_16MxUSD_OIS_OIS_OTC_04Y | 0.0729 | 0.90 | 3881 |
| USD_FRA_3M_OTC_16MxUSD_OIS_OIS_OTC_03Y | 0.1127 | 0.90 | 3882 |
| USD_FRA_3M_OTC_16MxUSD_OIS_OIS_OTC_02Y | 0.2463 | 0.90 | 3883 |
| USD_FRA_3M_OTC_16MxUSD_OIS_OIS_OTC_12M | 1.5505 | 0.60 | 3884 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_30Y | 0.0157 | 0.60 | 3885 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_25Y | 0.0173 | 0.60 | 3886 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_20Y | 0.0195 | 0.65 | 3887 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_15Y | 0.0229 | 0.70 | 3888 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_12Y | 0.0229 | 0.70 | 3889 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_10Y | 0.0305 | 0.80 | 3890 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_07Y | 0.0399 | 0.80 | 3891 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_05Y | 0.0548 | 0.90 | 3892 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_04Y | 0.0699 | 0.90 | 3893 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_03Y | 0.1058 | 0.90 | 3894 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_02Y | 0.2189 | 0.90 | 3895 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_18M | 0.2189 | 0.90 | 3896 |
| USD_FRA_3M_OTC_15MxUSD_IRS_1M_OTC_01Y | 1.0438 | 0.75 | 3897 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_11M | 3.7159 | 0.85 | 3898 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_10M | 3.7159 | 0.85 | 3899 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_09M | 3.7159 | 0.85 | 3900 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_08M | 3.7159 | 0.85 | 3901 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_07M | 3.7159 | 0.85 | 3902 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_06M | 12.5317 | 0.40 | 3903 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_05M | 12.5317 | 0.40 | 3904 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_04M | 12.5317 | 0.40 | 3905 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_03M | 12.5317 | 0.40 | 3906 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_02M | 12.5317 | 0.40 | 3907 |
| USD_FRA_3M_OTC_15MxUSD_FRA_1M_OTC_01M | 12.5317 | 0.40 | 3908 |
| USD_FRA_3M_OTC_15MxUSD_OIS_OIS_OTC_05Y | 0.0556 | 0.90 | 3935 |
| USD_FRA_3M_OTC_15MxUSD_OIS_OIS_OTC_04Y | 0.0729 | 0.90 | 3936 |
| USD_FRA_3M_OTC_15MxUSD_OIS_OIS_OTC_03Y | 0.1127 | 0.90 | 3937 |
| USD_FRA_3M_OTC_15MxUSD_OIS_OIS_OTC_02Y | 0.2463 | 0.90 | 3938 |
| USD_FRA_3M_OTC_15MxUSD_OIS_OIS_OTC_12M | 1.5505 | 0.60 | 3939 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_30Y | 0.0157 | 0.60 | 3940 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_25Y | 0.0173 | 0.60 | 3941 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_20Y | 0.0195 | 0.65 | 3942 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_15Y | 0.0229 | 0.70 | 3943 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_12Y | 0.0229 | 0.70 | 3944 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_10Y | 0.0305 | 0.80 | 3945 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_07Y | 0.0399 | 0.80 | 3946 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_05Y | 0.0548 | 0.90 | 3947 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_04Y | 0.0699 | 0.90 | 3948 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_03Y | 0.1058 | 0.90 | 3949 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_02Y | 0.2189 | 0.90 | 3950 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_18M | 0.2189 | 0.90 | 3951 |
| USD_FRA_3M_OTC_14MxUSD_IRS_1M_OTC_01Y | 1.0438 | 0.75 | 3952 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_11M | 3.7159 | 0.85 | 3953 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_10M | 3.7159 | 0.85 | 3954 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_09M | 3.7159 | 0.85 | 3955 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_08M | 3.7159 | 0.85 | 3956 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_07M | 3.7159 | 0.85 | 3957 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_06M | 12.5317 | 0.40 | 3958 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_05M | 12.5317 | 0.40 | 3959 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_04M | 12.5317 | 0.40 | 3960 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_03M | 12.5317 | 0.40 | 3961 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_02M | 12.5317 | 0.40 | 3962 |
| USD_FRA_3M_OTC_14MxUSD_FRA_1M_OTC_01M | 12.5317 | 0.40 | 3963 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_14MxUSD_OIS_OIS_OTC_05Y | 0.0556 | 0.90 | 3990 |
| USD_FRA_3M_OTC_14MxUSD_OIS_OIS_OTC_04Y | 0.0729 | 0.90 | 3991 |
| USD_FRA_3M_OTC_14MxUSD_OIS_OIS_OTC_03Y | 0.1127 | 0.90 | 3992 |
| USD_FRA_3M_OTC_14MxUSD_OIS_OIS_OTC_02Y | 0.2463 | 0.90 | 3993 |
| USD_FRA_3M_OTC_14MxUSD_OIS_OIS_OTC_12M | 1.5505 | 0.60 | 3994 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_30Y | 0.0157 | 0.60 | 3995 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_25Y | 0.0173 | 0.60 | 3996 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_20Y | 0.0195 | 0.65 | 3997 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_15Y | 0.0229 | 0.70 | 3998 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_12Y | 0.0229 | 0.70 | 3999 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_10Y | 0.0305 | 0.80 | 4000 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_07Y | 0.0399 | 0.80 | 4001 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_05Y | 0.0548 | 0.90 | 4002 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_04Y | 0.0699 | 0.90 | 4003 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_03Y | 0.1058 | 0.90 | 4004 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_02Y | 0.2189 | 0.90 | 4005 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_18M | 0.2189 | 0.90 | 4006 |
| USD_FRA_3M_OTC_13MxUSD_IRS_1M_OTC_01Y | 1.0438 | 0.75 | 4007 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_11M | 3.7159 | 0.85 | 4008 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_10M | 3.7159 | 0.85 | 4009 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_09M | 3.7159 | 0.85 | 4010 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_08M | 3.7159 | 0.85 | 4011 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_07M | 3.7159 | 0.85 | 4012 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_06M | 12.5317 | 0.40 | 4013 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_05M | 12.5317 | 0.40 | 4014 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_04M | 12.5317 | 0.40 | 4015 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_03M | 12.5317 | 0.40 | 4016 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_02M | 12.5317 | 0.40 | 4017 |
| USD_FRA_3M_OTC_13MxUSD_FRA_1M_OTC_01M | 12.5317 | 0.40 | 4018 |
| USD_FRA_3M_OTC_13MxUSD_OIS_OIS_OTC_05Y | 0.0556 | 0.90 | 4045 |
| USD_FRA_3M_OTC_13MxUSD_OIS_OIS_OTC_04Y | 0.0729 | 0.90 | 4046 |
| USD_FRA_3M_OTC_13MxUSD_OIS_OIS_OTC_03Y | 0.1127 | 0.90 | 4047 |
| USD_FRA_3M_OTC_13MxUSD_OIS_OIS_OTC_02Y | 0.2463 | 0.90 | 4048 |
| USD_FRA_3M_OTC_13MxUSD_OIS_OIS_OTC_12M | 1.5505 | 0.60 | 4049 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_30Y | 0.0099 | 0.55 | 4050 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_25Y | 0.0109 | 0.55 | 4051 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_20Y | 0.0123 | 0.60 | 4052 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_15Y | 0.0145 | 0.65 | 4053 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_12Y | 0.0145 | 0.65 | 4054 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_10Y | 0.0192 | 0.70 | 4055 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_07Y | 0.0252 | 0.75 | 4056 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_05Y | 0.0345 | 0.80 | 4057 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_04Y | 0.0441 | 0.85 | 4058 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_03Y | 0.0667 | 0.90 | 4059 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_02Y | 0.1380 | 0.90 | 4060 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_18M | 0.1380 | 0.90 | 4061 |
| USD_FRA_3M_OTC_12MxUSD_IRS_1M_OTC_01Y | 0.6579 | 0.85 | 4062 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_11M | 2.3421 | 0.85 | 4063 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_10M | 2.3421 | 0.85 | 4064 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_09M | 2.3421 | 0.85 | 4065 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_08M | 2.3421 | 0.85 | 4066 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_07M | 2.3421 | 0.85 | 4067 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_06M | 7.8985 | 0.50 | 4068 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_05M | 7.8985 | 0.50 | 4069 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_04M | 7.8985 | 0.50 | 4070 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_03M | 7.8985 | 0.50 | 4071 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_02M | 7.8985 | 0.50 | 4072 |
| USD_FRA_3M_OTC_12MxUSD_FRA_1M_OTC_01M | 7.8985 | 0.50 | 4073 |
| USD_FRA_3M_OTC_12MxUSD_OIS_OIS_OTC_05Y | 0.0350 | 0.80 | 4100 |
| USD_FRA_3M_OTC_12MxUSD_OIS_OIS_OTC_04Y | 0.0460 | 0.85 | 4101 |
| USD_FRA_3M_OTC_12MxUSD_OIS_OIS_OTC_03Y | 0.0711 | 0.85 | 4102 |
| USD_FRA_3M_OTC_12MxUSD_OIS_OIS_OTC_02Y | 0.1552 | 0.90 | 4103 |
| USD_FRA_3M_OTC_12MxUSD_OIS_OIS_OTC_12M | 0.9772 | 0.60 | 4104 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_30Y | 0.0099 | 0.55 | 4105 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_25Y | 0.0109 | 0.55 | 4106 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_20Y | 0.0123 | 0.60 | 4107 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_15Y | 0.0145 | 0.65 | 4108 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_12Y | 0.0145 | 0.65 | 4109 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_10Y | 0.0192 | 0.70 | 4110 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_07Y | 0.0252 | 0.75 | 4111 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_05Y | 0.0345 | 0.80 | 4112 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_04Y | 0.0441 | 0.85 | 4113 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_03Y | 0.0667 | 0.90 | 4114 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_02Y | 0.1380 | 0.90 | 4115 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_18M | 0.1380 | 0.90 | 4116 |
| USD_FRA_3M_OTC_11MxUSD_IRS_1M_OTC_01Y | 0.6579 | 0.85 | 4117 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_11M | 2.3421 | 0.85 | 4118 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_10M | 2.3421 | 0.85 | 4119 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_09M | 2.3421 | 0.85 | 4120 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_08M | 2.3421 | 0.85 | 4121 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_07M | 2.3421 | 0.85 | 4122 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_06M | 7.8985 | 0.50 | 4123 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_05M | 7.8985 | 0.50 | 4124 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_04M | 7.8985 | 0.50 | 4125 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_03M | 7.8985 | 0.50 | 4126 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_02M | 7.8985 | 0.50 | 4127 |
| USD_FRA_3M_OTC_11MxUSD_FRA_1M_OTC_01M | 7.8985 | 0.50 | 4128 |
| USD_FRA_3M_OTC_11MxUSD_OIS_OIS_OTC_05Y | 0.0350 | 0.80 | 4155 |
| USD_FRA_3M_OTC_11MxUSD_OIS_OIS_OTC_04Y | 0.0460 | 0.85 | 4156 |
| USD_FRA_3M_OTC_11MxUSD_OIS_OIS_OTC_03Y | 0.0711 | 0.85 | 4157 |
| USD_FRA_3M_OTC_11MxUSD_OIS_OIS_OTC_02Y | 0.1552 | 0.90 | 4158 |
| USD_FRA_3M_OTC_11MxUSD_OIS_OIS_OTC_12M | 0.9772 | 0.60 | 4159 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_30Y | 0.0099 | 0.55 | 4160 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_25Y | 0.0109 | 0.55 | 4161 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_20Y | 0.0123 | 0.60 | 4162 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_15Y | 0.0145 | 0.65 | 4163 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_12Y | 0.0145 | 0.65 | 4164 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_10Y | 0.0192 | 0.70 | 4165 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_07Y | 0.0252 | 0.75 | 4166 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_05Y | 0.0345 | 0.80 | 4167 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_04Y | 0.0441 | 0.85 | 4168 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_03Y | 0.0667 | 0.90 | 4169 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_02Y | 0.1380 | 0.90 | 4170 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_18M | 0.1380 | 0.90 | 4171 |
| USD_FRA_3M_OTC_10MxUSD_IRS_1M_OTC_01Y | 0.6579 | 0.85 | 4172 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_11M | 2.3421 | 0.85 | 4173 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_10M | 2.3421 | 0.85 | 4174 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_09M | 2.3421 | 0.85 | 4175 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_08M | 2.3421 | 0.85 | 4176 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_07M | 2.3421 | 0.85 | 4177 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_06M | 7.8985 | 0.50 | 4178 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_05M | 7.8985 | 0.50 | 4179 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_04M | 7.8985 | 0.50 | 4180 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_03M | 7.8985 | 0.50 | 4181 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_02M | 7.8985 | 0.50 | 4182 |
| USD_FRA_3M_OTC_10MxUSD_FRA_1M_OTC_01M | 7.8985 | 0.50 | 4183 |
| USD_FRA_3M_OTC_10MxUSD_OIS_OIS_OTC_05Y | 0.0350 | 0.80 | 4210 |
| USD_FRA_3M_OTC_10MxUSD_OIS_OIS_OTC_04Y | 0.0460 | 0.85 | 4211 |
| USD_FRA_3M_OTC_10MxUSD_OIS_OIS_OTC_03Y | 0.0711 | 0.85 | 4212 |
| USD_FRA_3M_OTC_10MxUSD_OIS_OIS_OTC_02Y | 0.1552 | 0.90 | 4213 |
| USD_FRA_3M_OTC_10MxUSD_OIS_OIS_OTC_12M | 0.9772 | 0.60 | 4214 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_30Y | 0.0099 | 0.55 | 4215 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_25Y | 0.0109 | 0.55 | 4216 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_20Y | 0.0123 | 0.60 | 4217 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_15Y | 0.0145 | 0.65 | 4218 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_12Y | 0.0145 | 0.65 | 4219 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_10Y | 0.0192 | 0.70 | 4220 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_07Y | 0.0252 | 0.75 | 4221 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_05Y | 0.0345 | 0.80 | 4222 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_04Y | 0.0441 | 0.85 | 4223 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_03Y | 0.0667 | 0.90 | 4224 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_02Y | 0.1380 | 0.90 | 4225 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_18M | 0.1380 | 0.90 | 4226 |
| USD_FRA_3M_OTC_09MxUSD_IRS_1M_OTC_01Y | 0.6579 | 0.85 | 4227 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_11M | 2.3421 | 0.85 | 4228 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_10M | 2.3421 | 0.85 | 4229 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_09M | 2.3421 | 0.85 | 4230 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_08M | 2.3421 | 0.85 | 4231 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_07M | 2.3421 | 0.85 | 4232 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_06M | 7.8985 | 0.50 | 4233 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_05M | 7.8985 | 0.50 | 4234 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_04M | 7.8985 | 0.50 | 4235 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_03M | 7.8985 | 0.50 | 4236 |
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_02M | 7.8985 | 0.50 | 4237 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_09MxUSD_FRA_1M_OTC_01M | 7.8985 | 0.50 | 4238 |
| USD_FRA_3M_OTC_09MxUSD_OIS_OIS_OTC_05Y | 0.0350 | 0.80 | 4265 |
| USD_FRA_3M_OTC_09MxUSD_OIS_OIS_OTC_04Y | 0.0460 | 0.85 | 4266 |
| USD_FRA_3M_OTC_09MxUSD_OIS_OIS_OTC_03Y | 0.0711 | 0.85 | 4267 |
| USD_FRA_3M_OTC_09MxUSD_OIS_OIS_OTC_02Y | 0.1552 | 0.90 | 4268 |
| USD_FRA_3M_OTC_09MxUSD_OIS_OIS_OTC_12M | 0.9772 | 0.60 | 4269 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_30Y | 0.0099 | 0.55 | 4270 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_25Y | 0.0109 | 0.55 | 4271 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_20Y | 0.0123 | 0.60 | 4272 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_15Y | 0.0145 | 0.65 | 4273 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_12Y | 0.0145 | 0.65 | 4274 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_10Y | 0.0192 | 0.70 | 4275 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_07Y | 0.0252 | 0.75 | 4276 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_05Y | 0.0345 | 0.80 | 4277 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_04Y | 0.0441 | 0.85 | 4278 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_03Y | 0.0667 | 0.90 | 4279 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_02Y | 0.1380 | 0.90 | 4280 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_18M | 0.1380 | 0.90 | 4281 |
| USD_FRA_3M_OTC_08MxUSD_IRS_1M_OTC_01Y | 0.6579 | 0.85 | 4282 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_11M | 2.3421 | 0.85 | 4283 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_10M | 2.3421 | 0.85 | 4284 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_09M | 2.3421 | 0.85 | 4285 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_08M | 2.3421 | 0.85 | 4286 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_07M | 2.3421 | 0.85 | 4287 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_06M | 7.8985 | 0.50 | 4288 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_05M | 7.8985 | 0.50 | 4289 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_04M | 7.8985 | 0.50 | 4290 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_03M | 7.8985 | 0.50 | 4291 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_02M | 7.8985 | 0.50 | 4292 |
| USD_FRA_3M_OTC_08MxUSD_FRA_1M_OTC_01M | 7.8985 | 0.50 | 4293 |
| USD_FRA_3M_OTC_08MxUSD_OIS_OIS_OTC_05Y | 0.0350 | 0.80 | 4320 |
| USD_FRA_3M_OTC_08MxUSD_OIS_OIS_OTC_04Y | 0.0460 | 0.85 | 4321 |
| USD_FRA_3M_OTC_08MxUSD_OIS_OIS_OTC_03Y | 0.0711 | 0.85 | 4322 |
| USD_FRA_3M_OTC_08MxUSD_OIS_OIS_OTC_02Y | 0.1552 | 0.90 | 4323 |
| USD_FRA_3M_OTC_08MxUSD_OIS_OIS_OTC_12M | 0.9772 | 0.60 | 4324 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_30Y | 0.0099 | 0.55 | 4325 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_25Y | 0.0109 | 0.55 | 4326 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_20Y | 0.0123 | 0.60 | 4327 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_15Y | 0.0145 | 0.65 | 4328 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_12Y | 0.0145 | 0.65 | 4329 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_10Y | 0.0192 | 0.70 | 4330 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_07Y | 0.0252 | 0.75 | 4331 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_05Y | 0.0345 | 0.80 | 4332 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_04Y | 0.0441 | 0.85 | 4333 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_03Y | 0.0667 | 0.90 | 4334 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_02Y | 0.1380 | 0.90 | 4335 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_18M | 0.1380 | 0.90 | 4336 |
| USD_FRA_3M_OTC_07MxUSD_IRS_1M_OTC_01Y | 0.6579 | 0.85 | 4337 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_11M | 2.3421 | 0.85 | 4338 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_10M | 2.3421 | 0.85 | 4339 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_09M | 2.3421 | 0.85 | 4340 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_08M | 2.3421 | 0.85 | 4341 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_07M | 2.3421 | 0.85 | 4342 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_06M | 7.8985 | 0.50 | 4343 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_05M | 7.8985 | 0.50 | 4344 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_04M | 7.8985 | 0.50 | 4345 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_03M | 7.8985 | 0.50 | 4346 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_02M | 7.8985 | 0.50 | 4347 |
| USD_FRA_3M_OTC_07MxUSD_FRA_1M_OTC_01M | 7.8985 | 0.50 | 4348 |
| USD_FRA_3M_OTC_07MxUSD_OIS_OIS_OTC_05Y | 0.0350 | 0.80 | 4375 |
| USD_FRA_3M_OTC_07MxUSD_OIS_OIS_OTC_04Y | 0.0460 | 0.85 | 4376 |
| USD_FRA_3M_OTC_07MxUSD_OIS_OIS_OTC_03Y | 0.0711 | 0.85 | 4377 |
| USD_FRA_3M_OTC_07MxUSD_OIS_OIS_OTC_02Y | 0.1552 | 0.90 | 4378 |
| USD_FRA_3M_OTC_07MxUSD_OIS_OIS_OTC_12M | 0.9772 | 0.60 | 4379 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_30Y | 0.0050 | 0.00 | 4380 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_25Y | 0.0056 | 0.00 | 4381 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_20Y | 0.0062 | 0.00 | 4382 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_15Y | 0.0074 | 0.40 | 4383 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_12Y | 0.0074 | 0.40 | 4384 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_10Y | 0.0098 | 0.45 | 4385 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_07Y | 0.0128 | 0.45 | 4386 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_05Y | 0.0176 | 0.55 | 4387 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_04Y | 0.0224 | 0.55 | 4388 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_03Y | 0.0339 | 0.60 | 4389 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_02Y | 0.0702 | 0.70 | 4390 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_18M | 0.0702 | 0.70 | 4391 |
| USD_FRA_3M_OTC_06MxUSD_IRS_1M_OTC_01Y | 0.3346 | 0.90 | 4392 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_11M | 1.1913 | 0.75 | 4393 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_10M | 1.1913 | 0.75 | 4394 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_09M | 1.1913 | 0.75 | 4395 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_08M | 1.1913 | 0.75 | 4396 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_07M | 1.1913 | 0.75 | 4397 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_06M | 4.0176 | 0.60 | 4398 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_05M | 4.0176 | 0.60 | 4399 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_04M | 4.0176 | 0.60 | 4400 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_03M | 4.0176 | 0.60 | 4401 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_02M | 4.0176 | 0.60 | 4402 |
| USD_FRA_3M_OTC_06MxUSD_FRA_1M_OTC_01M | 4.0176 | 0.60 | 4403 |
| USD_FRA_3M_OTC_06MxUSD_OIS_OIS_OTC_05Y | 0.0178 | 0.50 | 4430 |
| USD_FRA_3M_OTC_06MxUSD_OIS_OIS_OTC_04Y | 0.0234 | 0.50 | 4431 |
| USD_FRA_3M_OTC_06MxUSD_OIS_OIS_OTC_03Y | 0.0361 | 0.55 | 4432 |
| USD_FRA_3M_OTC_06MxUSD_OIS_OIS_OTC_02Y | 0.0790 | 0.55 | 4433 |
| USD_FRA_3M_OTC_06MxUSD_OIS_OIS_OTC_12M | 0.4971 | 0.45 | 4434 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_30Y | 0.0050 | 0.00 | 4435 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_25Y | 0.0056 | 0.00 | 4436 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_20Y | 0.0062 | 0.00 | 4437 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_15Y | 0.0074 | 0.40 | 4438 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_12Y | 0.0074 | 0.40 | 4439 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_10Y | 0.0098 | 0.45 | 4440 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_07Y | 0.0128 | 0.45 | 4441 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_05Y | 0.0176 | 0.55 | 4442 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_04Y | 0.0224 | 0.55 | 4443 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_03Y | 0.0339 | 0.60 | 4444 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_02Y | 0.0702 | 0.70 | 4445 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_18M | 0.0702 | 0.70 | 4446 |
| USD_FRA_3M_OTC_05MxUSD_IRS_1M_OTC_01Y | 0.3346 | 0.90 | 4447 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_11M | 1.1913 | 0.75 | 4448 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_10M | 1.1913 | 0.75 | 4449 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_09M | 1.1913 | 0.75 | 4450 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_08M | 1.1913 | 0.75 | 4451 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_07M | 1.1913 | 0.75 | 4452 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_06M | 4.0176 | 0.60 | 4453 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_05M | 4.0176 | 0.60 | 4454 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_04M | 4.0176 | 0.60 | 4455 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_03M | 4.0176 | 0.60 | 4456 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_02M | 4.0176 | 0.60 | 4457 |
| USD_FRA_3M_OTC_05MxUSD_FRA_1M_OTC_01M | 4.0176 | 0.60 | 4458 |
| USD_FRA_3M_OTC_05MxUSD_OIS_OIS_OTC_05Y | 0.0178 | 0.50 | 4485 |
| USD_FRA_3M_OTC_05MxUSD_OIS_OIS_OTC_04Y | 0.0234 | 0.50 | 4486 |
| USD_FRA_3M_OTC_05MxUSD_OIS_OIS_OTC_03Y | 0.0361 | 0.55 | 4487 |
| USD_FRA_3M_OTC_05MxUSD_OIS_OIS_OTC_02Y | 0.0790 | 0.55 | 4488 |
| USD_FRA_3M_OTC_05MxUSD_OIS_OIS_OTC_12M | 0.4971 | 0.45 | 4489 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_30Y | 0.0050 | 0.00 | 4490 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_25Y | 0.0056 | 0.00 | 4491 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_20Y | 0.0062 | 0.00 | 4492 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_15Y | 0.0074 | 0.40 | 4493 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_12Y | 0.0074 | 0.40 | 4494 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_10Y | 0.0098 | 0.45 | 4495 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_07Y | 0.0128 | 0.45 | 4496 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_05Y | 0.0176 | 0.55 | 4497 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_04Y | 0.0224 | 0.55 | 4498 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_03Y | 0.0339 | 0.60 | 4499 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_02Y | 0.0702 | 0.70 | 4500 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_18M | 0.0702 | 0.70 | 4501 |
| USD_FRA_3M_OTC_04MxUSD_IRS_1M_OTC_01Y | 0.3346 | 0.90 | 4502 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_11M | 1.1913 | 0.75 | 4503 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_10M | 1.1913 | 0.75 | 4504 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_09M | 1.1913 | 0.75 | 4505 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_08M | 1.1913 | 0.75 | 4506 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_07M | 1.1913 | 0.75 | 4507 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_06M | 4.0176 | 0.60 | 4508 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_05M | 4.0176 | 0.60 | 4509 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_04M | 4.0176 | 0.60 | 4510 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_03M | 4.0176 | 0.60 | 4511 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_02M | 4.0176 | 0.60 | 4512 |
| USD_FRA_3M_OTC_04MxUSD_FRA_1M_OTC_01M | 4.0176 | 0.60 | 4513 |
| USD_FRA_3M_OTC_04MxUSD_OIS_OIS_OTC_05Y | 0.0178 | 0.50 | 4540 |
| USD_FRA_3M_OTC_04MxUSD_OIS_OIS_OTC_04Y | 0.0234 | 0.50 | 4541 |
| USD_FRA_3M_OTC_04MxUSD_OIS_OIS_OTC_03Y | 0.0361 | 0.55 | 4542 |
| USD_FRA_3M_OTC_04MxUSD_OIS_OIS_OTC_02Y | 0.0790 | 0.55 | 4543 |
| USD_FRA_3M_OTC_04MxUSD_OIS_OIS_OTC_12M | 0.4971 | 0.45 | 4544 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_30Y | 0.0050 | 0.00 | 4545 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_25Y | 0.0056 | 0.00 | 4546 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_20Y | 0.0062 | 0.00 | 4547 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_15Y | 0.0074 | 0.40 | 4548 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_12Y | 0.0074 | 0.40 | 4549 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_10Y | 0.0098 | 0.45 | 4550 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_07Y | 0.0128 | 0.45 | 4551 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_05Y | 0.0176 | 0.55 | 4552 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_04Y | 0.0224 | 0.55 | 4553 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_03Y | 0.0339 | 0.60 | 4554 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_02Y | 0.0702 | 0.70 | 4555 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_18M | 0.0702 | 0.70 | 4556 |
| USD_FRA_3M_OTC_03MxUSD_IRS_1M_OTC_01Y | 0.3346 | 0.90 | 4557 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_11M | 1.1913 | 0.75 | 4558 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_10M | 1.1913 | 0.75 | 4559 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_09M | 1.1913 | 0.75 | 4560 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_08M | 1.1913 | 0.75 | 4561 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_07M | 1.1913 | 0.75 | 4562 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_06M | 4.0176 | 0.60 | 4563 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_05M | 4.0176 | 0.60 | 4564 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_04M | 4.0176 | 0.60 | 4565 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_03M | 4.0176 | 0.60 | 4566 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_02M | 4.0176 | 0.60 | 4567 |
| USD_FRA_3M_OTC_03MxUSD_FRA_1M_OTC_01M | 4.0176 | 0.60 | 4568 |
| USD_FRA_3M_OTC_03MxUSD_OIS_OIS_OTC_05Y | 0.0178 | 0.50 | 4595 |
| USD_FRA_3M_OTC_03MxUSD_OIS_OIS_OTC_04Y | 0.0234 | 0.50 | 4596 |
| USD_FRA_3M_OTC_03MxUSD_OIS_OIS_OTC_03Y | 0.0361 | 0.55 | 4597 |
| USD_FRA_3M_OTC_03MxUSD_OIS_OIS_OTC_02Y | 0.0790 | 0.55 | 4598 |
| USD_FRA_3M_OTC_03MxUSD_OIS_OIS_OTC_12M | 0.4971 | 0.45 | 4599 |
| USD_IRS_1M_OTC_30YxUSD_OIS_OIS_OTC_05Y | 3.5473 | 0.70 | 4626 |
| USD_IRS_1M_OTC_30YxUSD_OIS_OIS_OTC_04Y | 4.6564 | 0.65 | 4627 |
| USD_IRS_1M_OTC_30YxUSD_OIS_OIS_OTC_03Y | 7.1986 | 0.60 | 4628 |
| USD_IRS_1M_OTC_30YxUSD_OIS_OIS_OTC_02Y | 15.7274 | 0.55 | 4629 |
| USD_IRS_1M_OTC_30YxUSD_OIS_OIS_OTC_12M | 99.0089 | 0.00 | 4630 |
| USD_IRS_1M_OTC_25YxUSD_OIS_OIS_OTC_05Y | 3.2066 | 0.70 | 4657 |
| USD_IRS_1M_OTC_25YxUSD_OIS_OIS_OTC_04Y | 4.2093 | 0.70 | 4658 |
| USD_IRS_1M_OTC_25YxUSD_OIS_OIS_OTC_03Y | 6.5073 | 0.65 | 4659 |
| USD_IRS_1M_OTC_25YxUSD_OIS_OIS_OTC_02Y | 14.2170 | 0.60 | 4660 |
| USD_IRS_1M_OTC_25YxUSD_OIS_OIS_OTC_12M | 89.5009 | 0.00 | 4661 |
| USD_IRS_1M_OTC_20YxUSD_OIS_OIS_OTC_05Y | 2.8506 | 0.75 | 4688 |
| USD_IRS_1M_OTC_20YxUSD_OIS_OIS_OTC_04Y | 3.7419 | 0.70 | 4689 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_OTC_20YxUSD_OIS_OIS_OTC_03Y | 5.7847 | 0.65 | 4690 |
| USD_IRS_1M_OTC_20YxUSD_OIS_OIS_OTC_02Y | 12.6385 | 0.60 | 4691 |
| USD_IRS_1M_OTC_20YxUSD_OIS_OIS_OTC_12M | 79.5634 | 0.00 | 4692 |
| USD_IRS_1M_OTC_15YxUSD_OIS_OIS_OTC_05Y | 2.4207 | 0.80 | 4719 |
| USD_IRS_1M_OTC_15YxUSD_OIS_OIS_OTC_04Y | 3.1776 | 0.75 | 4720 |
| USD_IRS_1M_OTC_15YxUSD_OIS_OIS_OTC_03Y | 4.9124 | 0.75 | 4721 |
| USD_IRS_1M_OTC_15YxUSD_OIS_OIS_OTC_02Y | 10.7326 | 0.70 | 4722 |
| USD_IRS_1M_OTC_15YxUSD_OIS_OIS_OTC_12M | 67.5654 | 0.00 | 4723 |
| USD_IRS_1M_OTC_12YxUSD_OIS_OIS_OTC_05Y | 2.4207 | 0.80 | 4750 |
| USD_IRS_1M_OTC_12YxUSD_OIS_OIS_OTC_04Y | 3.1776 | 0.75 | 4751 |
| USD_IRS_1M_OTC_12YxUSD_OIS_OIS_OTC_03Y | 4.9124 | 0.75 | 4752 |
| USD_IRS_1M_OTC_12YxUSD_OIS_OIS_OTC_02Y | 10.7326 | 0.70 | 4753 |
| USD_IRS_1M_OTC_12YxUSD_OIS_OIS_OTC_12M | 67.5654 | 0.00 | 4754 |
| USD_IRS_1M_OTC_10YxUSD_OIS_OIS_OTC_05Y | 1.8209 | 0.90 | 4781 |
| USD_IRS_1M_OTC_10YxUSD_OIS_OIS_OTC_04Y | 2.3902 | 0.85 | 4782 |
| USD_IRS_1M_OTC_10YxUSD_OIS_OIS_OTC_03Y | 3.6951 | 0.80 | 4783 |
| USD_IRS_1M_OTC_10YxUSD_OIS_OIS_OTC_02Y | 8.0731 | 0.75 | 4784 |
| USD_IRS_1M_OTC_10YxUSD_OIS_OIS_OTC_12M | 50.8230 | 0.40 | 4785 |
| USD_IRS_1M_OTC_07YxUSD_OIS_OIS_OTC_05Y | 1.3907 | 0.90 | 4812 |
| USD_IRS_1M_OTC_07YxUSD_OIS_OIS_OTC_04Y | 1.8255 | 0.85 | 4813 |
| USD_IRS_1M_OTC_07YxUSD_OIS_OIS_OTC_03Y | 2.8222 | 0.80 | 4814 |
| USD_IRS_1M_OTC_07YxUSD_OIS_OIS_OTC_02Y | 6.1658 | 0.75 | 4815 |
| USD_IRS_1M_OTC_07YxUSD_OIS_OIS_OTC_12M | 38.8159 | 0.45 | 4816 |
| USD_IRS_1M_OTC_05YxUSD_OIS_OIS_OTC_05Y | 1.0135 | 0.90 | 4843 |
| USD_IRS_1M_OTC_05YxUSD_OIS_OIS_OTC_04Y | 1.3304 | 0.90 | 4844 |
| USD_IRS_1M_OTC_05YxUSD_OIS_OIS_OTC_03Y | 2.0568 | 0.90 | 4845 |
| USD_IRS_1M_OTC_05YxUSD_OIS_OIS_OTC_02Y | 4.4936 | 0.85 | 4846 |
| USD_IRS_1M_OTC_05YxUSD_OIS_OIS_OTC_12M | 28.2889 | 0.50 | 4847 |
| USD_IRS_1M_OTC_04YxUSD_OIS_OIS_OTC_05Y | 0.7948 | 0.90 | 4874 |
| USD_IRS_1M_OTC_04YxUSD_OIS_OIS_OTC_04Y | 1.0433 | 0.90 | 4875 |
| USD_IRS_1M_OTC_04YxUSD_OIS_OIS_OTC_03Y | 1.6129 | 0.90 | 4876 |
| USD_IRS_1M_OTC_04YxUSD_OIS_OIS_OTC_02Y | 3.5239 | 0.90 | 4877 |
| USD_IRS_1M_OTC_04YxUSD_OIS_OIS_OTC_12M | 22.1840 | 0.55 | 4878 |
| USD_IRS_1M_OTC_03YxUSD_OIS_OIS_OTC_05Y | 0.5252 | 0.90 | 4905 |
| USD_IRS_1M_OTC_03YxUSD_OIS_OIS_OTC_04Y | 0.6894 | 0.90 | 4906 |
| USD_IRS_1M_OTC_03YxUSD_OIS_OIS_OTC_03Y | 1.0657 | 0.90 | 4907 |
| USD_IRS_1M_OTC_03YxUSD_OIS_OIS_OTC_02Y | 2.3284 | 0.90 | 4908 |
| USD_IRS_1M_OTC_03YxUSD_OIS_OIS_OTC_12M | 14.6580 | 0.60 | 4909 |
| USD_IRS_1M_OTC_02YxUSD_OIS_OIS_OTC_05Y | 0.2538 | 0.85 | 4936 |
| USD_IRS_1M_OTC_02YxUSD_OIS_OIS_OTC_04Y | 0.3331 | 0.90 | 4937 |
| USD_IRS_1M_OTC_02YxUSD_OIS_OIS_OTC_03Y | 0.5149 | 0.90 | 4938 |
| USD_IRS_1M_OTC_02YxUSD_OIS_OIS_OTC_02Y | 1.1251 | 0.90 | 4939 |
| USD_IRS_1M_OTC_02YxUSD_OIS_OIS_OTC_12M | 7.0826 | 0.60 | 4940 |
| USD_IRS_1M_OTC_18MxUSD_OIS_OIS_OTC_05Y | 0.2538 | 0.85 | 4967 |
| USD_IRS_1M_OTC_18MxUSD_OIS_OIS_OTC_04Y | 0.3331 | 0.90 | 4968 |
| USD_IRS_1M_OTC_18MxUSD_OIS_OIS_OTC_03Y | 0.5149 | 0.90 | 4969 |
| USD_IRS_1M_OTC_18MxUSD_OIS_OIS_OTC_02Y | 1.1251 | 0.90 | 4970 |
| USD_IRS_1M_OTC_18MxUSD_OIS_OIS_OTC_12M | 7.0826 | 0.60 | 4971 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_IRS_1M_OTC_01YxUSD_OIS_OIS_OTC_05Y | 0.0532 | 0.60 | 4998 |
| USD_IRS_1M_OTC_01YxUSD_OIS_OIS_OTC_04Y | 0.0699 | 0.65 | 4999 |
| USD_IRS_1M_OTC_01YxUSD_OIS_OIS_OTC_03Y | 0.1080 | 0.65 | 5000 |
| USD_IRS_1M_OTC_01YxUSD_OIS_OIS_OTC_02Y | 0.2359 | 0.70 | 5001 |
| USD_IRS_1M_OTC_01YxUSD_OIS_OIS_OTC_12M | 1.4854 | 0.55 | 5002 |
| USD_FRA_1M_OTC_11MxUSD_OIS_OIS_OTC_05Y | 0.0149 | 0.75 | 5029 |
| USD_FRA_1M_OTC_11MxUSD_OIS_OIS_OTC_04Y | 0.0196 | 0.80 | 5030 |
| USD_FRA_1M_OTC_11MxUSD_OIS_OIS_OTC_03Y | 0.0303 | 0.80 | 5031 |
| USD_FRA_1M_OTC_11MxUSD_OIS_OIS_OTC_02Y | 0.0663 | 0.80 | 5032 |
| USD_FRA_1M_OTC_11MxUSD_OIS_OIS_OTC_12M | 0.4173 | 0.45 | 5033 |
| USD_FRA_1M_OTC_10MxUSD_OIS_OIS_OTC_05Y | 0.0149 | 0.75 | 5060 |
| USD_FRA_1M_OTC_10MxUSD_OIS_OIS_OTC_04Y | 0.0196 | 0.80 | 5061 |
| USD_FRA_1M_OTC_10MxUSD_OIS_OIS_OTC_03Y | 0.0303 | 0.80 | 5062 |
| USD_FRA_1M_OTC_10MxUSD_OIS_OIS_OTC_02Y | 0.0663 | 0.80 | 5063 |
| USD_FRA_1M_OTC_10MxUSD_OIS_OIS_OTC_12M | 0.4173 | 0.45 | 5064 |
| USD_FRA_1M_OTC_09MxUSD_OIS_OIS_OTC_05Y | 0.0149 | 0.75 | 5091 |
| USD_FRA_1M_OTC_09MxUSD_OIS_OIS_OTC_04Y | 0.0196 | 0.80 | 5092 |
| USD_FRA_1M_OTC_09MxUSD_OIS_OIS_OTC_03Y | 0.0303 | 0.80 | 5093 |
| USD_FRA_1M_OTC_09MxUSD_OIS_OIS_OTC_02Y | 0.0663 | 0.80 | 5094 |
| USD_FRA_1M_OTC_09MxUSD_OIS_OIS_OTC_12M | 0.4173 | 0.45 | 5095 |
| USD_FRA_1M_OTC_08MxUSD_OIS_OIS_OTC_05Y | 0.0149 | 0.75 | 5122 |
| USD_FRA_1M_OTC_08MxUSD_OIS_OIS_OTC_04Y | 0.0196 | 0.80 | 5123 |
| USD_FRA_1M_OTC_08MxUSD_OIS_OIS_OTC_03Y | 0.0303 | 0.80 | 5124 |
| USD_FRA_1M_OTC_08MxUSD_OIS_OIS_OTC_02Y | 0.0663 | 0.80 | 5125 |
| USD_FRA_1M_OTC_08MxUSD_OIS_OIS_OTC_12M | 0.4173 | 0.45 | 5126 |
| USD_FRA_1M_OTC_07MxUSD_OIS_OIS_OTC_05Y | 0.0149 | 0.75 | 5153 |
| USD_FRA_1M_OTC_07MxUSD_OIS_OIS_OTC_04Y | 0.0196 | 0.80 | 5154 |
| USD_FRA_1M_OTC_07MxUSD_OIS_OIS_OTC_03Y | 0.0303 | 0.80 | 5155 |
| USD_FRA_1M_OTC_07MxUSD_OIS_OIS_OTC_02Y | 0.0663 | 0.80 | 5156 |
| USD_FRA_1M_OTC_07MxUSD_OIS_OIS_OTC_12M | 0.4173 | 0.45 | 5157 |
| USD_FRA_1M_OTC_06MxUSD_OIS_OIS_OTC_05Y | 0.0044 | 0.00 | 5184 |
| USD_FRA_1M_OTC_06MxUSD_OIS_OIS_OTC_04Y | 0.0058 | 0.00 | 5185 |
| USD_FRA_1M_OTC_06MxUSD_OIS_OIS_OTC_03Y | 0.0090 | 0.00 | 5186 |
| USD_FRA_1M_OTC_06MxUSD_OIS_OIS_OTC_02Y | 0.0197 | 0.40 | 5187 |
| USD_FRA_1M_OTC_06MxUSD_OIS_OIS_OTC_12M | 0.1237 | 0.45 | 5188 |
| USD_FRA_1M_OTC_05MxUSD_OIS_OIS_OTC_05Y | 0.0044 | 0.00 | 5215 |
| USD_FRA_1M_OTC_05MxUSD_OIS_OIS_OTC_04Y | 0.0058 | 0.00 | 5216 |
| USD_FRA_1M_OTC_05MxUSD_OIS_OIS_OTC_03Y | 0.0090 | 0.00 | 5217 |
| USD_FRA_1M_OTC_05MxUSD_OIS_OIS_OTC_02Y | 0.0197 | 0.40 | 5218 |
| USD_FRA_1M_OTC_05MxUSD_OIS_OIS_OTC_12M | 0.1237 | 0.45 | 5219 |
| USD_FRA_1M_OTC_04MxUSD_OIS_OIS_OTC_05Y | 0.0044 | 0.00 | 5246 |
| USD_FRA_1M_OTC_04MxUSD_OIS_OIS_OTC_04Y | 0.0058 | 0.00 | 5247 |
| USD_FRA_1M_OTC_04MxUSD_OIS_OIS_OTC_03Y | 0.0090 | 0.00 | 5248 |
| USD_FRA_1M_OTC_04MxUSD_OIS_OIS_OTC_02Y | 0.0197 | 0.40 | 5249 |
| USD_FRA_1M_OTC_04MxUSD_OIS_OIS_OTC_12M | 0.1237 | 0.45 | 5250 |
| USD_FRA_1M_OTC_03MxUSD_OIS_OIS_OTC_05Y | 0.0044 | 0.00 | 5277 |
| USD_FRA_1M_OTC_03MxUSD_OIS_OIS_OTC_04Y | 0.0058 | 0.00 | 5278 |
| USD_FRA_1M_OTC_03MxUSD_OIS_OIS_OTC_03Y | 0.0090 | 0.00 | 5279 |

| ID | Offset Ratio | Relief Rate | Priority |
|--|--------------|-------------|----------|
| USD_FRA_1M_OTC_03MxUSD_OIS_OIS_OTC_02Y | 0.0197 | 0.40 | 5280 |
| USD_FRA_1M_OTC_03MxUSD_OIS_OIS_OTC_12M | 0.1237 | 0.45 | 5281 |
| USD_FRA_1M_OTC_02MxUSD_OIS_OIS_OTC_05Y | 0.0044 | 0.00 | 5308 |
| USD_FRA_1M_OTC_02MxUSD_OIS_OIS_OTC_04Y | 0.0058 | 0.00 | 5309 |
| USD_FRA_1M_OTC_02MxUSD_OIS_OIS_OTC_03Y | 0.0090 | 0.00 | 5310 |
| USD_FRA_1M_OTC_02MxUSD_OIS_OIS_OTC_02Y | 0.0197 | 0.40 | 5311 |
| USD_FRA_1M_OTC_02MxUSD_OIS_OIS_OTC_12M | 0.1237 | 0.45 | 5312 |
| USD_FRA_1M_OTC_01MxUSD_OIS_OIS_OTC_05Y | 0.0044 | 0.00 | 5339 |
| USD_FRA_1M_OTC_01MxUSD_OIS_OIS_OTC_04Y | 0.0058 | 0.00 | 5340 |
| USD_FRA_1M_OTC_01MxUSD_OIS_OIS_OTC_03Y | 0.0090 | 0.00 | 5341 |
| USD_FRA_1M_OTC_01MxUSD_OIS_OIS_OTC_02Y | 0.0197 | 0.40 | 5342 |
| USD_FRA_1M_OTC_01MxUSD_OIS_OIS_OTC_12M | 0.1237 | 0.45 | 5343 |