

| spot-ID    | $\delta^{18}\text{O}$ | $2\sigma$ | $\delta^{18}\text{O-mean}$ |
|------------|-----------------------|-----------|----------------------------|
| PAT1_1     | 7.80                  | 0.23      | 7.07                       |
| PAT1_2     | 7.31                  | 0.24      |                            |
| PAT1_3     | 7.05                  | 0.25      |                            |
| PAT1_4     | 7.44                  | 0.23      |                            |
| PAT1_5     | 7.25                  | 0.25      |                            |
| PAT1_6     | 7.36                  | 0.24      |                            |
| PAT1_7     | 7.13                  | 0.23      |                            |
| PAT1_8     | 6.83                  | 0.25      |                            |
| PAT1_9     | 7.14                  | 0.24      |                            |
| PAT1_12    | 6.77                  | 0.24      |                            |
| PAT1_15    | 6.71                  | 0.29      |                            |
| PAT1_16    | 6.88                  | 0.25      |                            |
| PAT1_17    | 6.67                  | 0.22      |                            |
| PAT1_18    | 7.15                  | 0.24      |                            |
| PAT1_19    | 6.62                  | 0.26      |                            |
| PAT4_1     | 6.00                  | 0.24      | 5.62                       |
| PAT4_2     | 5.91                  | 0.24      |                            |
| PAT4_3     | 5.05                  | 0.23      |                            |
| PAT4_4     | 5.55                  | 0.27      |                            |
| PAT4_5     | 5.11                  | 0.24      |                            |
| PAT4_6     | 5.34                  | 0.23      |                            |
| PAT4_7     | 5.47                  | 0.23      |                            |
| PAT4_8     | 5.58                  | 0.24      |                            |
| PAT4_9     | 5.69                  | 0.22      |                            |
| PAT4_10    | 5.16                  | 0.24      |                            |
| PAT4_12    | 6.26                  | 0.24      |                            |
| PAT4_14    | 5.70                  | 0.21      |                            |
| PAT4_15    | 4.68                  | 0.25      |                            |
| PAT4_16    | 5.81                  | 0.24      |                            |
| PAT4_17    | 6.44                  | 0.24      |                            |
| PAT4_18    | 6.13                  | 0.22      |                            |
| WWGA5_1    | 7.38                  | 0.15      | 7.35                       |
| WWGA5_2    | 7.55                  | 0.20      |                            |
| WWGA5_3    | 7.35                  | 0.19      |                            |
| WWGA5_4c   | 8.30                  | 0.21      |                            |
| WWGA5_5    | 7.92                  | 0.22      |                            |
| WWGA5_6    | 7.22                  | 0.23      |                            |
| WWGA5_7    | 7.04                  | 0.23      |                            |
| WWGA5_8    | 7.23                  | 0.18      |                            |
| WWGA5_9    | 7.34                  | 0.18      |                            |
| WWGA5_10   | 7.00                  | 0.22      |                            |
| WWGA5_11   | 6.99                  | 0.21      |                            |
| WWGA5_12   | 7.34                  | 0.19      |                            |
| WWGA5_13   | 7.51                  | 0.20      |                            |
| WWGA5_14   | 7.22                  | 0.20      |                            |
| WWGA5_15   | 7.03                  | 0.17      |                            |
| WWGA5_16   | 7.15                  | 0.24      |                            |
| WWGA6_1    | 5.63                  | 0.21      | 5.78                       |
| WWGA6_2    | 5.75                  | 0.21      |                            |
| WWGA6_3    | 5.71                  | 0.15      |                            |
| WWGA6_4    | 5.84                  | 0.18      |                            |
| WWGA6_5    | 5.69                  | 0.18      |                            |
| WWGA6_6    | 5.64                  | 0.23      |                            |
| WWGA6_7    | 5.82                  | 0.20      |                            |
| WWGA6_8    | 5.81                  | 0.18      |                            |
| WWGA6_9    | 5.84                  | 0.23      |                            |
| WWGA6_10   | 5.99                  | 0.20      |                            |
| WWGA6_11   | 5.77                  | 0.21      |                            |
| WWGA6_13   | 5.84                  | 0.21      |                            |
| WWGA6_14   | 5.71                  | 0.15      |                            |
| WWGA6_15   | 5.78                  | 0.22      |                            |
| WWGA6_16   | 5.75                  | 0.20      |                            |
| WWGA6_17   | 5.89                  | 0.19      |                            |
| mts14f2_1  | 5.11                  | 0.23      | 4.77                       |
| mts14f2_2  | 4.59                  | 0.22      |                            |
| mts14f2_3  | 4.97                  | 0.25      |                            |
| mts14f2_4  | 5.33                  | 0.24      |                            |
| mts14f2_5  | 5.37                  | 0.27      |                            |
| mts14f2_6  | 5.01                  | 0.26      |                            |
| mts14f2_7  | 5.17                  | 0.22      |                            |
| mts14f2_8  | 5.26                  | 0.25      |                            |
| mts14f2_9  | 4.63                  | 0.22      |                            |
| mts14f2_10 | 4.71                  | 0.24      |                            |
| mts14f2_11 | 2.07                  | 0.22      |                            |
| mts14f2_13 | 4.75                  | 0.24      |                            |
| mts14f2_14 | 4.99                  | 0.22      |                            |
| mts134_1   | 4.47                  | 0.22      | 4.84                       |
| mts134_2   | 4.78                  | 0.22      |                            |
| mts134_3   | 4.66                  | 0.19      |                            |
| mts134_4   | 5.20                  | 0.17      |                            |
| mts134_5   | 5.10                  | 0.20      |                            |
| mts134_9   | 4.49                  | 0.17      |                            |
| mts134_10  | 4.63                  | 0.19      |                            |
| mts134_11  | 4.25                  | 0.19      |                            |
| mts134_13  | 4.65                  | 0.35      |                            |
| mts134_14  | 4.98                  | 0.23      |                            |
| mts134_15  | 4.88                  | 0.19      |                            |
| mts134_17c | 5.85                  | 0.15      |                            |
| mts134_19  | 5.13                  | 0.17      |                            |
| mts134_20  | 5.31                  | 0.21      |                            |
| mts134_21  | 4.26                  | 0.20      |                            |

|            |      |      |      |
|------------|------|------|------|
| mtc6_1     | 5.56 | 0.19 |      |
| mtc6_2     | 5.45 | 0.17 |      |
| mtc6_3     | 4.83 | 0.20 |      |
| mtc6_4     | 5.48 | 0.18 |      |
| mtc6_5     | 4.85 | 0.17 |      |
| mtc6_6     | 5.88 | 0.15 |      |
| mtc6_7     | 4.57 | 0.16 |      |
| mtc6_8H    | 4.62 | 0.23 | 5.33 |
| mtc6_9H    | 5.00 | 0.20 |      |
| mtc6_10    | 5.43 | 0.17 |      |
| mtc6_11    | 5.22 | 0.22 |      |
| mtc6_12c   | 5.82 | 0.24 |      |
| mtc6_13    | 4.55 | 0.20 |      |
| mtc6_16    | 4.64 | 0.21 |      |
| mtc6_21c   | 6.69 | 0.17 |      |
| mtn36_2    | 4.67 | 0.19 |      |
| mtn36_3    | 4.52 | 0.22 |      |
| mtn36_4    | 4.53 | 0.24 |      |
| mtn36_5    | 4.61 | 0.24 |      |
| mtn36_6    | 4.24 | 0.19 |      |
| mtn36_7    | 4.61 | 0.22 |      |
| mtn36_8    | 4.53 | 0.24 |      |
| mtn36_9    | 4.64 | 0.24 | 4.66 |
| mtn36_10r  | 4.72 | 0.24 |      |
| mtn36_10cr | 5.43 | 0.27 |      |
| mtn36_13   | 4.60 | 0.23 |      |
| mtn36_14   | 4.55 | 0.22 |      |
| mtn36_15   | 4.76 | 0.17 |      |
| mtn36_17   | 4.84 | 0.13 |      |
| mtn36_18   | 4.60 | 0.22 |      |
| mtn23a_1   | 5.19 | 0.21 |      |
| mtn23a_2   | 5.53 | 0.19 |      |
| mtn23a_3   | 5.16 | 0.24 |      |
| mtn23a_4   | 5.54 | 0.23 |      |
| mtn23a_5   | 4.92 | 0.28 |      |
| mtn23a_6   | 4.99 | 0.27 |      |
| mtn23a_7   | 4.79 | 0.21 |      |
| mtn23a_8   | 5.29 | 0.21 | 5.15 |
| mtn23a_9   | 5.08 | 0.22 |      |
| mtn23a_10  | 5.04 | 0.27 |      |
| mtn23a_11  | 5.33 | 0.25 |      |
| mtn23a_12  | 5.06 | 0.32 |      |
| mtn23a_13  | 5.14 | 0.22 |      |
| mtn23a_15  | 5.01 | 0.26 |      |
| mtn23a_17  | 5.18 | 0.19 |      |
| mtc92_1    | 5.36 | 0.20 |      |
| mtc92_2    | 5.01 | 0.20 |      |
| mtc92_3    | 5.36 | 0.22 |      |
| mtc92_4    | 5.06 | 0.22 |      |
| mtc92_5    | 5.21 | 0.20 |      |
| mtc92_6    | 5.07 | 0.27 |      |
| mtc92_7    | 5.55 | 0.16 |      |
| mtc92_8    | 5.02 | 0.22 | 5.44 |
| mtc92_9    | 5.04 | 0.19 |      |
| mtc92_10cr | 6.60 | 0.15 |      |
| mtc92_10c  | 7.81 | 0.24 |      |
| mtc92_13   | 5.29 | 0.23 |      |
| mtc92_16   | 4.79 | 0.22 |      |
| mtc92_17   | 5.41 | 0.20 |      |
| mtc92_20   | 5.25 | 0.22 |      |
| mtc92_22r  | 5.27 | 0.20 |      |

c=core, r=rin, cr=mix