

| ERV ID | Family | LASSO weight |
|-------------|---------------|--------------|
| ERV_0000869 | MLT1C | -5.01E-04 |
| ERV_0136673 | MLT1N2 | -3.01E-03 |
| ERV_0252069 | LTR107_Mam | -1.34E-02 |
| ERV_0284225 | MER101 | -3.74E-02 |
| ERV_0312416 | LTR5_Hs | -6.26E-04 |
| ERV_0581642 | MLT1J | -4.63E-04 |
| ERV_0587882 | PABL_B-int | -7.68E-02 |
| ERV_0703339 | LTR41 | -5.40E-05 |
| ERV_1468120 | MLT1F | -6.48E-03 |
| ERV_1661480 | MER4B | -2.90E-02 |
| ERV_1683384 | MER21C | -1.03E-03 |
| ERV_1869135 | LTR47B3 | -1.01E-02 |
| ERV_2070611 | MER39 | -1.28E-02 |
| ERV_2382813 | MER65A | -2.30E-03 |
| ERV_2779506 | THE1C | -2.12E-04 |
| ERV_2804251 | THE1A | -1.05E-02 |
| ERV_2963122 | MLT1F | -4.86E-03 |
| ERV_3035008 | MSTA | -1.43E-03 |
| ERV_3087774 | MER39 | -3.01E-03 |
| ERV_3308062 | MLT1J2 | -7.05E-05 |
| ERV_3342201 | MLT1C | -1.63E-04 |
| ERV_3355129 | MLT1H | -2.83E-03 |
| ERV_3357665 | THE1B | -2.64E-03 |
| ERV_3480744 | LTR78B | -2.59E-03 |
| ERV_3603191 | MER4-int | -2.89E-02 |
| ERV_3619438 | MER41B | -1.41E-04 |
| ERV_3673831 | Harlequin-int | -5.55E-04 |
| ERV_3673833 | HERV15-int | -1.71E-04 |
| ERV_3937955 | MLT2D | -8.58E-04 |
| ERV_4111570 | HERVH-int | -1.46E-02 |
| ERV_4194774 | MER4E | -4.72E-03 |
| ERV_4322434 | ERVL-E-int | -6.26E-03 |