|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | * log2(FC) = log2(FoldChange) | * padj = adjusted p value | |  |  |  |  |
| * == |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * C5 | * ENSXMAT00000004248 | * 2.88E+00 | * 2.46E-08 | * 5.71E-02 | * 1.00E+00 | * -5.48E-02 | * 1.00E+00 |
|  | * ENSXMAT00000018020 | * 2.50E+00 | * 2.70E-07 | * -1.83E+00 | * 5.18E-01 | * -4.68E-01 | * 1.00E+00 |
|  | * ENSXMAT00000004127 | * 2.40E+00 | * 2.42E-02 | * 4.42E-01 | * 1.00E+00 | * -1.26E+00 | * 1.00E+00 |
| * TF | * ENSXMAT00000016142 | * 2.38E+00 | * 3.03E-12 | * -1.38E+00 | * 4.98E-04 | * -4.61E-01 | * 1.00E+00 |
| * AGXT | * ENSXMAT00000016030 | * 2.77E+00 | * 2.93E-13 | * -1.73E+00 | * 2.76E-02 | * 1.93E-01 | * 1.00E+00 |
| * ITIH4 | * ENSXMAT00000017167 | * 3.28E+00 | * 2.67E-05 | * -1.41E+00 | * 1.00E+00 | * 4.99E-01 | * 1.00E+00 |
|  | * ENSXMAT00000018659 | * 2.24E+00 | * 1.85E-03 | * -1.33E+00 | * 1.00E+00 | * -2.20E-01 | * 1.00E+00 |
| * C9 | * ENSXMAT00000005323 | * 2.15E+00 | * 1.02E-06 | * -3.72E-01 | * 1.00E+00 | * -4.55E-01 | * 1.00E+00 |
| * A2ML1 | * ENSXMAT00000012529 | * 2.18E+00 | * 1.42E-09 | * -1.74E+00 | * 2.60E-04 | * -4.93E-01 | * 1.00E+00 |
| * PLG | * ENSXMAT00000005619 | * 2.24E+00 | * 2.00E-08 | * -9.23E-01 | * 8.97E-01 | * -3.48E-01 | * 1.00E+00 |
| * PLA2G12B | * ENSXMAT00000018076 | * 2.67E+00 | * 6.04E-03 | * -1.51E-01 | * 1.00E+00 | * 2.07E-02 | * 1.00E+00 |
| * DIABLO | * ENSXMAT00000017839 | * 2.40E+00 | * 3.02E-06 | * 1.51E+00 | * 1.46E-01 | * 1.45E+00 | * 8.71E-01 |
| * ITIH2 | * ENSXMAT00000010417 | * 2.21E+00 | * 2.14E-09 | * -8.22E-01 | * 6.96E-01 | * -3.51E-01 | * 1.00E+00 |
| * APOA1 | * ENSXMAT00000002888 | * 2.22E+00 | * 7.84E-11 | * -1.38E+00 | * 4.07E-04 | * -6.14E-01 | * 1.00E+00 |
| * CYP2A6 | * ENSXMAT00000006048 | * 2.44E+00 | * 1.55E-05 | * 1.53E+00 | * 2.51E-01 | * 4.71E-02 | * 1.00E+00 |
| * CLEC4M | * ENSXMAT00000013244 | * 2.23E+00 | * 8.22E-09 | * -8.12E-01 | * 1.00E+00 | * -3.37E-01 | * 1.00E+00 |
| * APOB | * ENSXMAT00000017825 | * 2.89E+00 | * 1.91E-15 | * -1.32E+00 | * 8.55E-02 | * -3.96E-01 | * 1.00E+00 |
|  | * ENSXMAT00000011153 | * 2.05E+00 | * 1.23E-03 | * -1.28E+00 | * 1.00E+00 | * -2.86E-01 | * 1.00E+00 |
| * SERPING1 | * ENSXMAT00000009973 | * 2.02E+00 | * 1.98E-05 | * -9.52E-01 | * 1.00E+00 | * -2.80E-01 | * 1.00E+00 |
| * MASP1 | * ENSXMAT00000011434 | * 2.59E+00 | * 4.27E-08 | * -1.51E+00 | * 8.77E-01 | * -3.50E-01 | * 1.00E+00 |
| * FETUB | * ENSXMAT00000011220 | * 2.61E+00 | * 1.53E-06 | * -2.33E+00 | * 5.40E-01 | * -1.84E-01 | * 1.00E+00 |
| * CFP | * ENSXMAT00000003839 | * 2.03E+00 | * 6.22E-03 | * 4.68E-01 | * 1.00E+00 | * -4.27E-01 | * 1.00E+00 |
| * DPYS | * ENSXMAT00000003928 | * 2.95E+00 | * 1.20E-04 | * 4.63E-01 | * 1.00E+00 | * -3.20E-01 | * 1.00E+00 |
| * ITGAM | * ENSXMAT00000013833 | * 2.63E+00 | * 1.44E-05 | * 2.75E-01 | * 1.00E+00 | * 4.89E-01 | * 1.00E+00 |
| * GRAMD3 | * ENSXMAT00000010774 | * 2.09E+00 | * 1.32E-02 | * -1.48E-01 | * 1.00E+00 | * 9.40E-02 | * 1.00E+00 |
|  | * ENSXMAT00000018664 | * 2.53E+00 | * 5.20E-13 | * -1.60E+00 | * 4.50E-04 | * -3.52E-01 | * 1.00E+00 |
| * LYZ | * ENSXMAT00000003951 | * 2.05E+00 | * 1.23E-03 | * -6.69E-01 | * 1.00E+00 | * -2.20E-01 | * 1.00E+00 |
| * IGFBP1 | * ENSXMAT00000016950 | * 2.22E+00 | * 2.39E-02 | * -1.54E+00 | * 1.00E+00 | * 2.84E-01 | * 1.00E+00 |
|  | * ENSXMAT00000020219 | * 2.86E+00 | * 4.05E-05 | * -3.74E-01 | * 1.00E+00 | * 1.73E-01 | * 1.00E+00 |
|  | * ENSXMAT00000012984 | * 2.58E+00 | * 2.46E-05 | * -5.17E-01 | * 1.00E+00 | * -8.60E-01 | * 1.00E+00 |
| * APOA4 | * ENSXMAT00000016160 | * 2.72E+00 | * 1.82E-04 | * 3.20E-01 | * 1.00E+00 | * -2.66E-01 | * 1.00E+00 |
| * CPB2 | * ENSXMAT00000012495 | * 2.43E+00 | * 3.71E-03 | * -1.17E+00 | * 1.00E+00 | * -3.44E-01 | * 1.00E+00 |
|  | * ENSXMAT00000010245 | * 2.12E+00 | * 8.48E-05 | * -1.18E+00 | * 1.00E+00 | * -4.40E-01 | * 1.00E+00 |
| * UROC1 | * ENSXMAT00000001780 | * 2.49E+00 | * 8.46E-03 | * 2.90E-01 | * 1.00E+00 | * 1.07E+00 | * 1.00E+00 |
| * G6PC | * ENSXMAT00000017923 | * 3.61E+00 | * 1.28E-03 | * 9.16E-01 | * 1.00E+00 | * 8.63E-01 | * 1.00E+00 |
| * AGXT | * ENSXMAT00000003768 | * 2.28E+00 | * 2.18E-06 | * 2.29E-01 | * 1.00E+00 | * -1.67E-01 | * 1.00E+00 |
| * SERPINA1 | * ENSXMAT00000015556 | * 2.38E+00 | * 5.92E-08 | * -1.69E+00 | * 2.44E-01 | * -3.37E-01 | * 1.00E+00 |
| * FTCD | * ENSXMAT00000005983 | * 2.40E+00 | * 2.81E-03 | * -7.09E-01 | * 1.00E+00 | * 7.62E-03 | * 1.00E+00 |
| * IDO2 | * ENSXMAT00000001185 | * 2.63E+00 | * 7.68E-04 | * -1.91E+00 | * 1.00E+00 | * -1.79E-01 | * 1.00E+00 |
|  | * ENSXMAT00000016633 | * 2.54E+00 | * 5.67E-04 | * -2.16E+00 | * 1.00E+00 | * -1.22E+00 | * 1.00E+00 |
| * SERPINA10 | * ENSXMAT00000013664 | * 2.50E+00 | * 2.15E-03 | * -1.32E+00 | * 1.00E+00 | * -1.15E+00 | * 1.00E+00 |
| * CRP | * ENSXMAT00000014449 | * 2.42E+00 | * 3.61E-05 | * -1.78E+00 | * 1.00E+00 | * -8.80E-02 | * 1.00E+00 |
| * SERPIND1 | * ENSXMAT00000014424 | * 2.51E+00 | * 3.91E-05 | * -1.83E+00 | * 1.00E+00 | * -5.02E-02 | * 1.00E+00 |
| * HPX | * ENSXMAT00000002793 | * 2.29E+00 | * 8.74E-08 | * 5.30E-01 | * 1.00E+00 | * -2.27E-01 | * 1.00E+00 |
| * CP | * ENSXMAT00000000518 | * 3.04E+00 | * 1.25E-12 | * 4.34E-01 | * 1.00E+00 | * -8.88E-02 | * 1.00E+00 |
| * UCP1 | * ENSXMAT00000009870 | * 2.01E+00 | * 4.05E-06 | * 1.11E+00 | * 2.14E-01 | * 2.57E-02 | * 1.00E+00 |
| * CES2 | * ENSXMAT00000006288 | * 2.03E+00 | * 5.63E-05 | * -2.07E+00 | * 1.40E-01 | * -6.56E-01 | * 1.00E+00 |
| * MSMB | * ENSXMAT00000001783 | * 4.73E+00 | * 2.67E-02 | * 3.24E+00 | * 1.00E+00 | * 1.16E+00 | * 1.00E+00 |
| * C3 | * ENSXMAT00000012505 | * 2.40E+00 | * 2.11E-12 | * -1.78E+00 | * 3.22E-06 | * -4.37E-01 | * 1.00E+00 |
| * GRHPR | * ENSXMAT00000012574 | * 2.59E+00 | * 6.49E-05 | * -1.18E+00 | * 1.00E+00 | * 6.30E-02 | * 1.00E+00 |
| * F10 | * ENSXMAT00000006330 | * 2.07E+00 | * 5.84E-06 | * -6.69E-01 | * 1.00E+00 | * 2.83E-01 | * 1.00E+00 |
|  | * ENSXMAT00000006951 | * 2.13E+00 | * 4.19E-08 | * 2.82E-01 | * 1.00E+00 | * -2.46E-01 | * 1.00E+00 |
|  | * ENSXMAT00000014777 | * 2.96E+00 | * 4.00E-02 | * -8.43E-02 | * 1.00E+00 | * 2.84E-01 | * 1.00E+00 |
|  | * ENSXMAT00000017318 | * 2.30E+00 | * 1.08E-09 | * 2.61E-01 | * 1.00E+00 | * -1.28E-01 | * 1.00E+00 |
| * TDO2 | * ENSXMAT00000002277 | * 2.21E+00 | * 1.31E-05 | * -1.24E+00 | * 1.00E+00 | * -1.80E-01 | * 1.00E+00 |
| * CFI | * ENSXMAT00000000589 | * 2.28E+00 | * 7.33E-04 | * -3.37E-01 | * 1.00E+00 | * -5.34E-01 | * 1.00E+00 |
| * APOB | * ENSXMAT00000016285 | * 3.12E+00 | * 4.66E-03 | * -2.20E+00 | * 1.00E+00 | * -5.42E-01 | * 1.00E+00 |
|  | * ENSXMAT00000004129 | * 2.79E+00 | * 4.95E-12 | * -2.77E-01 | * 1.00E+00 | * -5.79E-01 | * 1.00E+00 |
| * C3 | * ENSXMAT00000012477 | * 2.98E+00 | * 1.41E-07 | * -1.45E+00 | * 1.00E+00 | * 2.06E-01 | * 1.00E+00 |
| * ANGPTL3 | * ENSXMAT00000000947 | * 2.13E+00 | * 6.02E-03 | * -8.21E-01 | * 1.00E+00 | * -6.78E-01 | * 1.00E+00 |
| * AQP8 | * ENSXMAT00000017480 | * 3.19E+00 | * 4.66E-03 | * -8.43E-02 | * 1.00E+00 | * -1.17E-02 | * 1.00E+00 |
| * KNG1 | * ENSXMAT00000000605 | * 2.10E+00 | * 1.86E-06 | * -1.12E+00 | * 8.29E-01 | * -8.35E-01 | * 1.00E+00 |
| * ITIH4 | * ENSXMAT00000017179 | * 2.97E+00 | * 4.00E-07 | * -1.67E+00 | * 1.00E+00 | * 2.11E-01 | * 1.00E+00 |
|  | * ENSXMAT00000017442 | * 2.68E+00 | * 2.52E-02 | * -7.12E-01 | * 1.00E+00 | * 8.78E-01 | * 1.00E+00 |
| * APOA4 | * ENSXMAT00000018675 | * 3.22E+00 | * 7.30E-04 | * 7.09E-01 | * 1.00E+00 | * 6.66E-01 | * 1.00E+00 |
| * SERPINC1 | * ENSXMAT00000005596 | * 2.19E+00 | * 1.19E-06 | * -1.42E+00 | * 4.86E-01 | * -6.07E-01 | * 1.00E+00 |
|  | * ENSXMAT00000015497 | * 2.37E+00 | * 9.46E-07 | * -1.87E+00 | * 3.59E-01 | * -1.36E-01 | * 1.00E+00 |
| * C3 | * ENSXMAT00000013801 | * 2.08E+00 | * 5.63E-05 | * -8.44E-01 | * 1.00E+00 | * -6.08E-01 | * 1.00E+00 |
|  | * ENSXMAT00000009075 | * 2.39E+00 | * 1.02E-03 | * -1.37E+00 | * 1.00E+00 | * -2.82E-02 | * 1.00E+00 |
| * FGB | * ENSXMAT00000008286 | * 2.19E+00 | * 7.09E-10 | * -1.90E+00 | * 1.29E-05 | * -5.28E-01 | * 1.00E+00 |
| * HPD | * ENSXMAT00000005646 | * 3.27E+00 | * 5.30E-10 | * -8.50E-01 | * 1.00E+00 | * 4.24E-01 | * 1.00E+00 |
| * == |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * RGL3 | * ENSXMAT00000011583 | * -2.26E+00 | * 1.41E-10 | * -1.62E+00 | * 6.44E-06 | * -8.75E-01 | * 1.00E+00 |
| * USP2 | * ENSXMAT00000012361 | * -3.48E+00 | * 4.83E-18 | * -1.68E+00 | * 6.22E-05 | * -1.14E+00 | * 8.23E-01 |
| * SIX3 | * ENSXMAT00000019667 | * -2.45E+00 | * 9.85E-05 | * -1.89E+00 | * 1.70E-02 | * -1.35E+00 | * 9.77E-01 |
| * ELOVL6 | * ENSXMAT00000016088 | * -2.03E+00 | * 1.10E-07 | * -6.93E-01 | * 6.00E-01 | * -5.84E-01 | * 1.00E+00 |
| * TGM2 | * ENSXMAT00000019446 | * -4.08E+00 | * 9.38E-33 | * -1.44E+00 | * 3.93E-05 | * -6.39E-01 | * 1.00E+00 |
| * SIK1 | * ENSXMAT00000012154 | * -2.17E+00 | * 5.08E-10 | * 1.06E-01 | * 1.00E+00 | * -1.89E-01 | * 1.00E+00 |
| * NR4A3 | * ENSXMAT00000013238 | * -2.36E+00 | * 8.69E-11 | * -1.99E+00 | * 4.36E-08 | * -6.76E-01 | * 1.00E+00 |
| * TGM2 | * ENSXMAT00000009163 | * -2.37E+00 | * 1.10E-11 | * -1.35E+00 | * 3.81E-04 | * -1.43E+00 | * 2.17E-01 |
| * MIDN | * ENSXMAT00000012456 | * -3.47E+00 | * 5.19E-23 | * -1.35E+00 | * 3.67E-04 | * -1.29E+00 | * 4.09E-01 |
| * RGL3 | * ENSXMAT00000005158 | * -2.20E+00 | * 1.24E-09 | * -8.24E-01 | * 1.93E-01 | * -1.10E+00 | * 8.10E-01 |
|  | * ENSXMAT00000019314 | * -2.15E+00 | * 3.87E-04 | * 1.83E-01 | * 1.00E+00 | * -7.34E-01 | * 1.00E+00 |
| * SEC23B | * ENSXMAT00000004811 | * -2.18E+00 | * 2.33E-10 | * -4.59E-01 | * 1.00E+00 | * -7.53E-01 | * 1.00E+00 |
| * FOSL1 | * ENSXMAT00000013204 | * -2.64E+00 | * 5.14E-10 | * -2.57E-01 | * 1.00E+00 | * -1.85E-01 | * 1.00E+00 |
| * BHLHA9 | * ENSXMAT00000014109 | * -3.92E+00 | * 4.34E-03 | * -2.74E+00 | * 1.92E-01 | * -4.78E+00 | * 5.36E-02 |
| * MUC22 | * ENSXMAT00000000874 | * -2.02E+00 | * 1.65E-06 | * -1.81E+00 | * 4.51E-05 | * -1.96E+00 | * 2.75E-02 |
| * MYC | * ENSXMAT00000003907 | * -3.14E+00 | * 4.19E-13 | * 5.98E-01 | * 1.00E+00 | * -1.06E-01 | * 1.00E+00 |
| * ITM2C | * ENSXMAT00000016261 | * -2.84E+00 | * 2.73E-07 | * 3.73E-01 | * 1.00E+00 | * 6.96E-01 | * 1.00E+00 |
| * PPP1R3B | * ENSXMAT00000001737 | * -2.16E+00 | * 1.60E-08 | * -8.27E-01 | * 2.52E-01 | * -2.16E-01 | * 1.00E+00 |
|  | * ENSXMAT00000013310 | * -2.26E+00 | * 2.14E-09 | * -6.76E-01 | * 6.55E-01 | * -1.12E+00 | * 8.10E-01 |
| * GADD45B | * ENSXMAT00000013073 | * -2.14E+00 | * 6.44E-10 | * -4.30E-01 | * 1.00E+00 | * -7.05E-02 | * 1.00E+00 |
| * JDP2 | * ENSXMAT00000004025 | * -3.73E+00 | * 4.85E-27 | * -4.29E-01 | * 1.00E+00 | * -6.80E-01 | * 1.00E+00 |
| * TNFRSF10B | * ENSXMAT00000010526 | * -2.65E+00 | * 1.42E-13 | * -7.14E-01 | * 4.09E-01 | * -2.94E-01 | * 1.00E+00 |
| * SSH2 | * ENSXMAT00000012138 | * -2.49E+00 | * 1.06E-12 | * -1.36E+00 | * 3.56E-04 | * -1.54E+00 | * 1.20E-01 |
| * HSD3B7 | * ENSXMAT00000008044 | * -2.14E+00 | * 2.12E-09 | * 1.01E-01 | * 1.00E+00 | * -2.12E-01 | * 1.00E+00 |
| * == |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * TNNT2 | * ENSXMAT00000008992 | * 9.62E-01 | * 1.44E-01 | * 6.90E-01 | * 7.94E-01 | * 2.27E+00 | * 1.07E-03 |
| * TNNI1 | * ENSXMAT00000017075 | * 8.02E-01 | * 1.00E+00 | * 4.08E-01 | * 1.00E+00 | * 2.10E+00 | * 1.69E-02 |
|  | * ENSXMAT00000011744 | * 1.51E+00 | * 1.11E-02 | * 8.50E-01 | * 1.00E+00 | * 2.04E+00 | * 2.97E-02 |
| * MYBPC3 | * ENSXMAT00000003754 | * 9.07E-01 | * 5.40E-01 | * 4.34E-01 | * 1.00E+00 | * 2.06E+00 | * 1.51E-02 |
| * BAIAP2L2 | * ENSXMAT00000008027 | * 1.03E+00 | * 3.31E-02 | * 2.59E-01 | * 1.00E+00 | * 2.00E+00 | * 6.18E-03 |
| * == |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * CDHR2 | * ENSXMAT00000010226 | * 7.96E-01 | * 1.00E+00 | * 6.49E+00 | * 1.54E-35 | * 6.73E-01 | * 1.00E+00 |
| * GATA6 | * ENSXMAT00000005995 | * 9.11E-01 | * 1.00E+00 | * 2.57E+00 | * 3.49E-05 | * 4.84E-01 | * 1.00E+00 |
| * CDHR5 | * ENSXMAT00000005100 | * 1.07E+00 | * 1.00E+00 | * 5.44E+00 | * 2.38E-05 | * 5.73E-01 | * 1.00E+00 |
| * GUCA2B | * ENSXMAT00000017726 | * 1.58E+00 | * 1.00E+00 | * 6.41E+00 | * 1.49E-11 | * -1.79E+00 | * 1.00E+00 |
| * EPS8L3 | * ENSXMAT00000007157 | * 2.17E-01 | * 1.00E+00 | * 3.07E+00 | * 5.87E-04 | * -1.43E+00 | * 1.00E+00 |
| * USH1C | * ENSXMAT00000019331 | * 4.62E-01 | * 1.00E+00 | * 3.13E+00 | * 1.96E-07 | * -3.41E-01 | * 1.00E+00 |
| * HKDC1 | * ENSXMAT00000014598 | * 2.53E-01 | * 1.00E+00 | * 3.27E+00 | * 5.48E-07 | * -5.13E-02 | * 1.00E+00 |
| * SLC6A19 | * ENSXMAT00000016533 | * -1.96E+00 | * 1.00E+00 | * 4.09E+00 | * 1.39E-03 | * -2.23E+00 | * 1.00E+00 |
| * CUZD1 | * ENSXMAT00000002905 | * -7.37E-01 | * 1.00E+00 | * 5.71E+00 | * 1.12E-06 | * -1.17E-02 | * 1.00E+00 |
| * RNF223 | * ENSXMAT00000012342 | * -5.00E-01 | * 1.00E+00 | * 3.89E+00 | * 1.08E-05 | * -6.49E-01 | * 1.00E+00 |
| * SAT1 | * ENSXMAT00000013046 | * -1.04E+00 | * 1.00E+00 | * 8.97E+00 | * 7.15E-24 | * 2.90E+00 | * 1.00E+00 |
| * LGALS1 | * ENSXMAT00000010044 | * 9.51E-01 | * 1.00E+00 | * 5.11E+00 | * 8.69E-24 | * -2.75E-01 | * 1.00E+00 |
| * MYO7B | * ENSXMAT00000011722 | * 5.06E-01 | * 1.00E+00 | * 3.04E+00 | * 1.13E-14 | * 1.56E-01 | * 1.00E+00 |
| * KLK1 | * ENSXMAT00000018655 | * NA | * NA | * 9.98E+00 | * 2.71E-40 | * NA | * NA |
| * PRR15L | * ENSXMAT00000019843 | * 7.48E-01 | * 1.00E+00 | * 3.04E+00 | * 1.75E-02 | * -1.64E-01 | * 1.00E+00 |
|  | * ENSXMAT00000006933 | * 9.79E-01 | * 1.00E+00 | * 3.15E+00 | * 7.69E-04 | * 1.09E+00 | * 1.00E+00 |
| * CLDN3 | * ENSXMAT00000007344 | * 3.02E+00 | * 1.00E+00 | * 7.66E+00 | * 5.87E-19 | * 5.73E-01 | * 1.00E+00 |
| * TGM2 | * ENSXMAT00000005941 | * 2.11E-01 | * 1.00E+00 | * 2.66E+00 | * 1.75E-03 | * 1.12E+00 | * 1.00E+00 |
| * OVGP1 | * ENSXMAT00000005417 | * -1.26E-01 | * 1.00E+00 | * 2.53E+00 | * 1.63E-11 | * 3.12E-01 | * 1.00E+00 |
| * FABP2 | * ENSXMAT00000005709 | * 3.14E-01 | * 1.00E+00 | * 2.75E+00 | * 1.84E-04 | * -9.12E-01 | * 1.00E+00 |
| * TRPM2 | * ENSXMAT00000015804 | * 2.58E+00 | * 1.00E+00 | * 5.06E+00 | * 1.74E-07 | * 1.16E+00 | * 1.00E+00 |
| * OVGP1 | * ENSXMAT00000002653 | * -8.65E-01 | * 1.00E+00 | * 8.51E+00 | * 2.50E-94 | * -1.50E+00 | * 1.00E+00 |
| * APOE | * ENSXMAT00000016162 | * 5.48E-01 | * 1.00E+00 | * 2.64E+00 | * 3.77E-03 | * -1.43E+00 | * 1.00E+00 |
| * FABP6 | * ENSXMAT00000011173 | * 7.66E-01 | * 1.00E+00 | * 4.14E+00 | * 7.98E-05 | * 2.11E-01 | * 1.00E+00 |
| * CYP4B1 | * ENSXMAT00000014568 | * 7.25E-01 | * 1.00E+00 | * 2.11E+00 | * 6.63E-04 | * 2.80E-01 | * 1.00E+00 |
| * HNF4G | * ENSXMAT00000000688 | * 1.35E+00 | * 1.00E+00 | * 3.96E+00 | * 2.57E-05 | * 5.73E-01 | * 1.00E+00 |
| * OLFM4 | * ENSXMAT00000014671 | * 1.85E+00 | * 1.00E+00 | * 6.93E+00 | * 6.37E-06 | * 5.73E-01 | * 1.00E+00 |
| * LAMA4 | * ENSXMAT00000011103 | * -1.52E-01 | * 1.00E+00 | * 3.35E+00 | * 7.55E-03 | * 3.10E-01 | * 1.00E+00 |
| * KRT18 | * ENSXMAT00000016291 | * 2.13E+00 | * 1.68E-01 | * 6.17E+00 | * 1.18E-38 | * 9.57E-01 | * 1.00E+00 |
| * ACTC1 | * ENSXMAT00000014482 | * 1.32E+00 | * 2.55E-03 | * 2.27E+00 | * 5.40E-11 | * 1.16E+00 | * 7.34E-01 |
| * BHMT | * ENSXMAT00000016619 | * 1.55E+00 | * 4.09E-04 | * 3.93E+00 | * 2.65E-30 | * 6.17E-01 | * 1.00E+00 |
| * CDIP1 | * ENSXMAT00000014195 | * 6.11E-01 | * 1.00E+00 | * 2.56E+00 | * 4.51E-05 | * 3.10E-01 | * 1.00E+00 |
| * MEP1B | * ENSXMAT00000016137 | * 1.75E+00 | * 1.00E+00 | * 4.13E+00 | * 4.54E-02 | * 1.58E-01 | * 1.00E+00 |
| * CA4 | * ENSXMAT00000012003 | * 2.71E+00 | * 1.00E+00 | * 6.42E+00 | * 8.08E-15 | * 1.58E-01 | * 1.00E+00 |
| * ALPL | * ENSXMAT00000008170 | * 3.02E+00 | * 1.00E+00 | * 6.11E+00 | * 5.63E-03 | * 1.57E+00 | * 1.00E+00 |
| * PKD1L1 | * ENSXMAT00000018894 | * -7.61E-02 | * 1.00E+00 | * 3.03E+00 | * 1.70E-05 | * 1.15E+00 | * 1.00E+00 |
| * GPA33 | * ENSXMAT00000011798 | * 4.10E+00 | * 1.00E+00 | * 8.07E+00 | * 2.37E-14 | * NA | * NA |
| * ASTL | * ENSXMAT00000000795 | * 5.47E-01 | * 1.00E+00 | * 2.99E+00 | * 5.36E-18 | * 9.32E-01 | * 1.00E+00 |
| * PLS1 | * ENSXMAT00000009346 | * 8.48E-01 | * 1.00E+00 | * 3.74E+00 | * 6.12E-04 | * -7.89E-02 | * 1.00E+00 |
|  | * ENSXMAT00000006050 | * 1.84E+00 | * 1.08E-01 | * 2.28E+00 | * 1.49E-02 | * -2.09E-01 | * 1.00E+00 |
| * EPX | * ENSXMAT00000004206 | * 5.70E-01 | * 1.00E+00 | * 6.26E+00 | * 1.13E-53 | * 1.36E+00 | * 1.00E+00 |
| * CELA1 | * ENSXMAT00000009244 | * 1.94E+00 | * 1.00E+00 | * 6.77E+00 | * 9.85E-19 | * 3.48E+00 | * 7.90E-01 |
|  | * ENSXMAT00000019861 | * 4.69E-01 | * 1.00E+00 | * 2.17E+00 | * 4.53E-08 | * 1.44E+00 | * 3.45E-01 |
|  | * ENSXMAT00000011004 | * -1.64E+00 | * 1.00E+00 | * 5.18E+00 | * 9.18E-03 | * -4.27E-01 | * 1.00E+00 |
| * GUCY1A3 | * ENSXMAT00000005685 | * 1.43E+00 | * 1.00E+00 | * 4.75E+00 | * 7.53E-04 | * -4.27E-01 | * 1.00E+00 |
| * CEACAM16 | * ENSXMAT00000010824 | * 2.93E+00 | * 1.00E+00 | * 7.36E+00 | * 7.69E-09 | * 1.78E+00 | * 1.00E+00 |
| * STAP1 | * ENSXMAT00000010033 | * 8.48E-01 | * 1.00E+00 | * 7.16E+00 | * 3.93E-07 | * 5.73E-01 | * 1.00E+00 |
|  | * ENSXMAT00000011097 | * 1.81E+00 | * 1.00E+00 | * 3.28E+00 | * 3.52E-02 | * 4.21E-01 | * 1.00E+00 |
| * CALD1 | * ENSXMAT00000017098 | * 1.34E+00 | * 5.15E-02 | * 3.06E+00 | * 2.99E-14 | * 6.41E-01 | * 1.00E+00 |
| * ACE2 | * ENSXMAT00000001990 | * 5.85E-01 | * 1.00E+00 | * 6.66E+00 | * 9.95E-14 | * 9.88E-01 | * 1.00E+00 |
| * SLC7A9 | * ENSXMAT00000017543 | * -1.74E+00 | * 1.00E+00 | * 4.62E+00 | * 1.74E-02 | * -1.01E+00 | * 1.00E+00 |
| * ASTL | * ENSXMAT00000017370 | * 1.63E+00 | * 1.00E+00 | * 6.00E+00 | * 8.23E-21 | * 2.90E+00 | * 6.27E-01 |
| * CH25H | * ENSXMAT00000015563 | * -5.49E-01 | * 1.00E+00 | * 2.04E+00 | * 3.14E-02 | * -1.82E-01 | * 1.00E+00 |
| * SMTN | * ENSXMAT00000004142 | * 3.63E+00 | * 5.04E-02 | * 5.30E+00 | * 9.42E-08 | * 1.42E+00 | * 1.00E+00 |
| * FABP2 | * ENSXMAT00000012549 | * 3.41E-01 | * 1.00E+00 | * 3.74E+00 | * 1.65E-08 | * -7.22E-01 | * 1.00E+00 |
|  | * ENSXMAT00000002728 | * 3.75E-01 | * 1.00E+00 | * 2.03E+00 | * 2.28E-03 | * 9.53E-01 | * 1.00E+00 |
|  | * ENSXMAT00000009071 | * -1.52E-01 | * 1.00E+00 | * 5.98E+00 | * 1.19E-02 | * -8.64E-01 | * 1.00E+00 |
| * BCO2 | * ENSXMAT00000001495 | * 2.34E+00 | * 3.12E-01 | * 4.67E+00 | * 2.74E-11 | * -2.34E-01 | * 1.00E+00 |
| * PGLYRP2 | * ENSXMAT00000008904 | * 2.20E-01 | * 1.00E+00 | * 3.03E+00 | * 5.61E-12 | * 3.82E-01 | * 1.00E+00 |
| * TMEM238 | * ENSXMAT00000019630 | * 1.85E+00 | * 1.00E+00 | * 3.76E+00 | * 3.61E-02 | * -1.01E+00 | * 1.00E+00 |
| * ANPEP | * ENSXMAT00000015854 | * 7.55E-02 | * 1.00E+00 | * 2.02E+00 | * 2.33E-07 | * 6.06E-01 | * 1.00E+00 |
| * TMC5 | * ENSXMAT00000004840 | * -9.30E-01 | * 1.00E+00 | * 2.55E+00 | * 3.77E-02 | * -1.20E+00 | * 1.00E+00 |
|  | * ENSXMAT00000011689 | * 2.66E+00 | * 1.00E+00 | * 7.79E+00 | * 2.74E-11 | * 2.57E+00 | * 1.00E+00 |
| * SLC5A1 | * ENSXMAT00000016911 | * 1.53E+00 | * 1.00E+00 | * 5.74E+00 | * 1.78E-02 | * NA | * NA |
|  | * ENSXMAT00000020226 | * 2.52E+00 | * 1.00E+00 | * 6.59E+00 | * 5.21E-05 | * 1.15E+00 | * 1.00E+00 |
| * MFI2 | * ENSXMAT00000010156 | * 1.02E+00 | * 1.00E+00 | * 4.42E+00 | * 8.14E-03 | * -4.27E-01 | * 1.00E+00 |
| * IGSF9 | * ENSXMAT00000001808 | * 3.14E-01 | * 1.00E+00 | * 2.84E+00 | * 1.06E-02 | * -1.17E-02 | * 1.00E+00 |
| * SLC4A4 | * ENSXMAT00000006420 | * -1.52E-01 | * 1.00E+00 | * 3.28E+00 | * 1.40E-06 | * -3.44E-01 | * 1.00E+00 |
| * C10orf112 | * ENSXMAT00000002342 | * 3.33E-01 | * 1.00E+00 | * 3.92E+00 | * 4.07E-02 | * -1.64E-01 | * 1.00E+00 |
| * CFTR | * ENSXMAT00000006484 | * 2.66E+00 | * 1.00E+00 | * 6.22E+00 | * 2.73E-03 | * 2.90E+00 | * 1.00E+00 |
| * DPEP1 | * ENSXMAT00000018428 | * NA | * NA | * 8.67E+00 | * 9.96E-21 | * 1.78E+00 | * 1.00E+00 |
| * PDILT | * ENSXMAT00000000494 | * 4.33E-01 | * 1.00E+00 | * 5.70E+00 | * 2.07E-04 | * 1.16E+00 | * 1.00E+00 |
| * SLC15A1 | * ENSXMAT00000013838 | * 7.88E-01 | * 1.00E+00 | * 2.44E+00 | * 1.59E-03 | * 8.16E-01 | * 1.00E+00 |
| * IRG1 | * ENSXMAT00000011112 | * -1.34E+00 | * 1.00E+00 | * 3.42E+00 | * 5.35E-04 | * 7.43E-01 | * 1.00E+00 |
| * SPTSSB | * ENSXMAT00000018512 | * 6.33E-01 | * 1.00E+00 | * 2.99E+00 | * 1.14E-08 | * -8.67E-01 | * 1.00E+00 |
|  | * ENSXMAT00000006503 | * -7.81E-01 | * 1.00E+00 | * 2.84E+00 | * 8.12E-09 | * 4.98E-01 | * 1.00E+00 |
|  | * ENSXMAT00000007971 | * 1.28E+00 | * 1.00E+00 | * 5.44E+00 | * 1.03E-18 | * -3.20E-01 | * 1.00E+00 |
| * FAM134B | * ENSXMAT00000006842 | * 5.78E-01 | * 1.00E+00 | * 2.10E+00 | * 1.04E-05 | * 6.24E-01 | * 1.00E+00 |
| * PRKG2 | * ENSXMAT00000003788 | * 5.85E-01 | * 1.00E+00 | * 4.32E+00 | * 2.39E-10 | * 1.10E+00 | * 1.00E+00 |
| * SLC5A1 | * ENSXMAT00000003719 | * -1.52E-01 | * 1.00E+00 | * 5.87E+00 | * 2.20E-02 | * 5.73E-01 | * 1.00E+00 |
| * OTOP2 | * ENSXMAT00000012681 | * -9.93E-01 | * 1.00E+00 | * 2.15E+00 | * 3.80E-02 | * -4.85E+00 | * 5.44E-01 |
| * OVGP1 | * ENSXMAT00000002654 | * 7.78E-01 | * 1.00E+00 | * 7.15E+00 | * 2.77E-55 | * -6.49E-01 | * 1.00E+00 |
|  | * ENSXMAT00000009444 | * 1.46E-01 | * 1.00E+00 | * 3.30E+00 | * 6.44E-14 | * -3.12E-01 | * 1.00E+00 |
| * DNASE1L2 | * ENSXMAT00000008700 | * 4.36E-01 | * 1.00E+00 | * 2.74E+00 | * 5.73E-10 | * 7.78E-01 | * 1.00E+00 |
| * CPLX1 | * ENSXMAT00000003241 | * 2.13E-01 | * 1.00E+00 | * 2.54E+00 | * 5.99E-05 | * -3.01E-01 | * 1.00E+00 |
| * GPR62 | * ENSXMAT00000020345 | * 9.62E-01 | * 1.00E+00 | * 5.74E+00 | * 1.78E-02 | * NA | * NA |
|  | * ENSXMAT00000015172 | * 1.64E+00 | * 1.00E+00 | * 2.99E+00 | * 2.51E-02 | * 1.37E+00 | * 1.00E+00 |
| * SI | * ENSXMAT00000017342 | * -5.51E-01 | * 1.00E+00 | * 5.97E+00 | * 9.48E-39 | * 3.00E-01 | * 1.00E+00 |
| * SLC12A1 | * ENSXMAT00000016736 | * -9.06E-02 | * 1.00E+00 | * 3.73E+00 | * 1.98E-07 | * 2.98E-01 | * 1.00E+00 |
| * ISL2 | * ENSXMAT00000017245 | * 1.80E+00 | * 1.00E+00 | * 3.10E+00 | * 4.97E-03 | * 1.57E+00 | * 1.00E+00 |
| * MFSD4 | * ENSXMAT00000000656 | * 1.70E+00 | * 1.00E+00 | * 4.84E+00 | * 2.97E-05 | * 5.73E-01 | * 1.00E+00 |
| * BHMT | * ENSXMAT00000016626 | * -4.51E-02 | * 1.00E+00 | * 3.99E+00 | * 7.24E-06 | * 6.80E-01 | * 1.00E+00 |
| * PLA2G1B | * ENSXMAT00000002963 | * 3.12E+00 | * 1.00E+00 | * 6.58E+00 | * 4.64E-13 | * 3.85E+00 | * 6.85E-01 |
| * ERP27 | * ENSXMAT00000017536 | * 1.94E+00 | * 1.00E+00 | * 6.26E+00 | * 3.09E-13 | * 2.57E+00 | * 1.00E+00 |
| * GUCY2C | * ENSXMAT00000005013 | * 8.16E-01 | * 1.00E+00 | * 3.49E+00 | * 6.34E-06 | * 1.37E-01 | * 1.00E+00 |
| * PIPOX | * ENSXMAT00000012076 | * 1.87E+00 | * 9.87E-01 | * 3.20E+00 | * 3.50E-03 | * 1.78E+00 | * 1.00E+00 |
| * ENPP7 | * ENSXMAT00000012976 | * 1.43E+00 | * 1.00E+00 | * 7.11E+00 | * 8.11E-07 | * -8.64E-01 | * 1.00E+00 |
| * NR5A2 | * ENSXMAT00000002426 | * 1.00E+00 | * 1.00E+00 | * 3.16E+00 | * 2.23E-03 | * 1.04E-01 | * 1.00E+00 |
| * ASAH2B | * ENSXMAT00000016713 | * -1.52E-01 | * 1.00E+00 | * 5.89E+00 | * 1.96E-02 | * -8.64E-01 | * 1.00E+00 |
| * ALOX12B | * ENSXMAT00000004062 | * 7.04E-02 | * 1.00E+00 | * 5.78E+00 | * 3.14E-13 | * 5.73E-01 | * 1.00E+00 |
| * MMP1 | * ENSXMAT00000014042 | * -9.78E-01 | * 1.00E+00 | * 3.06E+00 | * 6.92E-06 | * -1.01E+00 | * 1.00E+00 |
|  | * ENSXMAT00000015768 | * -2.49E-01 | * 1.00E+00 | * 2.06E+00 | * 6.82E-04 | * -5.24E-02 | * 1.00E+00 |
| * C1orf116 | * ENSXMAT00000017789 | * 2.27E-01 | * 1.00E+00 | * 4.27E+00 | * 5.70E-06 | * -1.75E+00 | * 1.00E+00 |
|  | * ENSXMAT00000018898 | * 4.33E-01 | * 1.00E+00 | * 6.18E+00 | * 1.32E-06 | * 2.16E+00 | * 1.00E+00 |
| * OXER1 | * ENSXMAT00000017012 | * -5.41E-01 | * 1.00E+00 | * 2.13E+00 | * 7.50E-04 | * 9.88E-01 | * 1.00E+00 |
| * CALML4 | * ENSXMAT00000000503 | * 2.85E+00 | * 1.00E+00 | * 5.82E+00 | * 2.44E-07 | * 5.73E-01 | * 1.00E+00 |
|  | * ENSXMAT00000019627 | * -2.38E+00 | * 1.00E+00 | * 7.89E+00 | * 4.96E-35 | * -2.10E+00 | * 1.00E+00 |
| * PLA2G1B | * ENSXMAT00000002968 | * 4.33E-01 | * 1.00E+00 | * 3.49E+00 | * 3.52E-02 | * 1.57E+00 | * 1.00E+00 |
| * WFDC8 | * ENSXMAT00000003392 | * 3.55E+00 | * 1.00E+00 | * 9.40E+00 | * 5.53E-30 | * 2.16E+00 | * 1.00E+00 |
| * MUC13 | * ENSXMAT00000007805 | * 3.17E+00 | * 1.00E+00 | * 9.21E+00 | * 3.25E-27 | * 5.73E-01 | * 1.00E+00 |
|  | * ENSXMAT00000012343 | * 9.62E-01 | * 1.00E+00 | * 5.69E+00 | * 2.32E-02 | * 3.06E+00 | * 1.00E+00 |
| * ANKS4B | * ENSXMAT00000001056 | * 3.02E+00 | * 1.00E+00 | * 7.40E+00 | * 1.65E-08 | * 5.73E-01 | * 1.00E+00 |
| * ST8SIA6 | * ENSXMAT00000008515 | * 3.21E-01 | * 1.00E+00 | * 2.29E+00 | * 6.54E-03 | * 1.68E-01 | * 1.00E+00 |
| * MFAP4 | * ENSXMAT00000017847 | * 1.48E-01 | * 1.00E+00 | * 2.92E+00 | * 1.26E-03 | * 1.12E+00 | * 1.00E+00 |
| * ABCG2 | * ENSXMAT00000003453 | * -1.52E-01 | * 1.00E+00 | * 4.56E+00 | * 3.19E-03 | * -2.10E+00 | * 1.00E+00 |
| * FAT3 | * ENSXMAT00000005873 | * -1.04E+00 | * 1.00E+00 | * 7.95E+00 | * 1.12E-12 | * -8.64E-01 | * 1.00E+00 |
| * MEP1B | * ENSXMAT00000006650 | * -1.52E-01 | * 1.00E+00 | * 5.49E+00 | * 1.19E-03 | * -1.40E+00 | * 1.00E+00 |
| * SLC10A2 | * ENSXMAT00000004443 | * 1.24E+00 | * 1.00E+00 | * 4.21E+00 | * 1.58E-08 | * 7.43E-01 | * 1.00E+00 |
| * VIP | * ENSXMAT00000017235 | * 6.67E-01 | * 1.00E+00 | * 4.08E+00 | * 5.67E-08 | * -1.93E+00 | * 1.00E+00 |
| * PPP1R27 | * ENSXMAT00000018069 | * 1.58E+00 | * 4.02E-01 | * 2.21E+00 | * 2.20E-02 | * -7.89E-02 | * 1.00E+00 |
| * ALDH8A1 | * ENSXMAT00000004368 | * 1.64E+00 | * 1.00E+00 | * 4.35E+00 | * 3.93E-10 | * 1.01E+00 | * 1.00E+00 |
| * DES | * ENSXMAT00000000057 | * 9.18E-01 | * 1.00E+00 | * 2.74E+00 | * 9.29E-06 | * 3.10E-01 | * 1.00E+00 |
| * TM4SF5 | * ENSXMAT00000008249 | * 9.62E-01 | * 1.00E+00 | * 7.35E+00 | * 8.55E-09 | * NA | * NA |
| * CHRNA9 | * ENSXMAT00000006815 | * 4.57E+00 | * 5.13E-01 | * 7.25E+00 | * 3.26E-08 | * NA | * NA |
| * GPRC5C | * ENSXMAT00000016756 | * 6.62E-01 | * 1.00E+00 | * 2.57E+00 | * 1.30E-02 | * -5.84E-01 | * 1.00E+00 |
|  | * ENSXMAT00000001585 | * 7.41E-01 | * 1.00E+00 | * 4.46E+00 | * 4.74E-20 | * 3.89E-02 | * 1.00E+00 |
| * ANPEP | * ENSXMAT00000006557 | * 4.33E-01 | * 1.00E+00 | * 8.75E+00 | * 1.74E-34 | * 1.16E+00 | * 1.00E+00 |
| * TRIM35 | * ENSXMAT00000013173 | * 3.20E-01 | * 1.00E+00 | * 2.39E+00 | * 3.28E-02 | * 3.19E-01 | * 1.00E+00 |
| * NR1H4 | * ENSXMAT00000001451 | * 2.43E+00 | * 8.55E-01 | * 4.75E+00 | * 1.79E-07 | * 1.16E+00 | * 1.00E+00 |
|  | * ENSXMAT00000013107 | * 1.53E+00 | * 1.00E+00 | * 7.21E+00 | * 6.07E-08 | * NA | * NA |
| * MUC13 | * ENSXMAT00000008345 | * 5.58E-01 | * 1.00E+00 | * 3.23E+00 | * 2.69E-17 | * -3.58E-01 | * 1.00E+00 |
| * OLFM4 | * ENSXMAT00000014660 | * -8.89E-01 | * 1.00E+00 | * 4.74E+00 | * 8.26E-05 | * -7.49E-01 | * 1.00E+00 |
| * CCL8 | * ENSXMAT00000010129 | * -7.80E-02 | * 1.00E+00 | * 2.42E+00 | * 8.87E-03 | * 4.95E-01 | * 1.00E+00 |
| * SPINK4 | * ENSXMAT00000011099 | * 4.55E+00 | * 7.81E-01 | * 7.17E+00 | * 3.52E-07 | * 3.57E+00 | * 1.00E+00 |
| * EZR | * ENSXMAT00000002517 | * 1.18E+00 | * 1.00E+00 | * 3.77E+00 | * 9.25E-09 | * -1.01E+00 | * 1.00E+00 |
| * EXOC3L2 | * ENSXMAT00000014756 | * 4.15E-01 | * 1.00E+00 | * 2.10E+00 | * 2.00E-02 | * 1.16E+00 | * 1.00E+00 |
| * PKLR | * ENSXMAT00000016789 | * 1.70E+00 | * 1.59E-01 | * 3.30E+00 | * 9.51E-09 | * 2.90E-03 | * 1.00E+00 |
| * ZAN | * ENSXMAT00000008278 | * 1.94E+00 | * 1.47E-02 | * 5.15E+00 | * 2.36E-34 | * 1.50E-01 | * 1.00E+00 |
| * ATP8B2 | * ENSXMAT00000006143 | * 8.92E-01 | * 1.00E+00 | * 3.38E+00 | * 6.12E-07 | * -4.27E-01 | * 1.00E+00 |
|  | * ENSXMAT00000020214 | * 1.85E+00 | * 1.00E+00 | * 6.13E+00 | * 4.97E-03 | * 5.73E-01 | * 1.00E+00 |
| * CTRL | * ENSXMAT00000010603 | * 8.94E-01 | * 1.00E+00 | * 5.93E+00 | * 8.92E-45 | * 2.08E+00 | * 2.99E-01 |
| * PDZK1 | * ENSXMAT00000003963 | * 9.62E-01 | * 1.00E+00 | * 7.77E+00 | * 9.25E-12 | * NA | * NA |
| * BIN2 | * ENSXMAT00000012039 | * 8.48E-01 | * 1.00E+00 | * 5.81E+00 | * 1.54E-13 | * -4.27E-01 | * 1.00E+00 |
| * TAC1 | * ENSXMAT00000016920 | * 1.03E+00 | * 1.00E+00 | * 2.82E+00 | * 7.96E-05 | * 1.23E+00 | * 1.00E+00 |
|  | * ENSXMAT00000009441 | * 2.26E+00 | * 1.00E+00 | * 5.82E+00 | * 1.30E-13 | * 9.88E-01 | * 1.00E+00 |
| * SCTR | * ENSXMAT00000004177 | * -7.37E-01 | * 1.00E+00 | * 3.79E+00 | * 3.04E-02 | * -2.01E+00 | * 1.00E+00 |
| * GRN | * ENSXMAT00000000657 | * -3.45E-01 | * 1.00E+00 | * 2.62E+00 | * 5.16E-11 | * 2.44E-01 | * 1.00E+00 |
| * PTCHD3 | * ENSXMAT00000008458 | * 1.53E+00 | * 1.00E+00 | * 8.61E+00 | * 5.40E-20 | * NA | * NA |
| * SLC12A3 | * ENSXMAT00000015775 | * 2.32E-01 | * 1.00E+00 | * 6.98E+00 | * 2.84E-67 | * -2.40E-02 | * 1.00E+00 |
| * IL1B | * ENSXMAT00000016861 | * -4.29E-01 | * 1.00E+00 | * 2.15E+00 | * 2.67E-06 | * -2.84E-01 | * 1.00E+00 |
|  | * ENSXMAT00000007197 | * 2.93E+00 | * 1.00E+00 | * 9.84E+00 | * 7.41E-38 | * 1.78E+00 | * 1.00E+00 |
| * TM4SF5 | * ENSXMAT00000003498 | * 8.48E-01 | * 1.00E+00 | * 3.09E+00 | * 1.84E-05 | * -4.27E-01 | * 1.00E+00 |
| * CYP2J2 | * ENSXMAT00000013263 | * 3.82E+00 | * 2.10E-01 | * 4.89E+00 | * 3.03E-03 | * 1.57E+00 | * 1.00E+00 |
| * IGSF9 | * ENSXMAT00000002049 | * 2.95E-01 | * 1.00E+00 | * 3.14E+00 | * 1.35E-05 | * 5.29E-01 | * 1.00E+00 |
| * ABP1 | * ENSXMAT00000005349 | * 2.74E+00 | * 1.00E+00 | * 8.71E+00 | * 3.98E-21 | * 1.15E+00 | * 1.00E+00 |
|  | * ENSXMAT00000019132 | * 2.27E+00 | * 9.82E-02 | * 3.40E+00 | * 2.91E-05 | * -4.27E-01 | * 1.00E+00 |
| * SLC34A2 | * ENSXMAT00000013908 | * 1.09E+00 | * 1.00E+00 | * 2.93E+00 | * 4.99E-02 | * 2.25E-01 | * 1.00E+00 |
| * GULP1 | * ENSXMAT00000016352 | * 1.43E+00 | * 1.00E+00 | * 5.82E+00 | * 2.77E-02 | * 5.73E-01 | * 1.00E+00 |
| * MFAP4 | * ENSXMAT00000005505 | * -1.45E-02 | * 1.00E+00 | * 3.01E+00 | * 1.61E-04 | * 7.96E-01 | * 1.00E+00 |
| * CALCOCO1 | * ENSXMAT00000002383 | * 7.83E-01 | * 3.76E-01 | * 2.39E+00 | * 3.95E-13 | * 1.02E+00 | * 1.00E+00 |
|  | * ENSXMAT00000008243 | * 3.25E+00 | * 1.00E+00 | * 7.73E+00 | * 1.63E-11 | * 1.15E+00 | * 1.00E+00 |
| * CAPN14 | * ENSXMAT00000000184 | * 7.06E-01 | * 1.00E+00 | * 4.68E+00 | * 6.81E-20 | * 3.26E-02 | * 1.00E+00 |
| * MYRFL | * ENSXMAT00000010452 | * 2.17E+00 | * 1.00E+00 | * 5.75E+00 | * 3.91E-02 | * -8.64E-01 | * 1.00E+00 |
| * MFAP4 | * ENSXMAT00000016684 | * 1.89E-01 | * 1.00E+00 | * 3.97E+00 | * 1.60E-06 | * 9.14E-01 | * 1.00E+00 |
| * SLC22A13 | * ENSXMAT00000016095 | * 4.33E-01 | * 1.00E+00 | * 5.18E+00 | * 9.18E-03 | * -1.40E+00 | * 1.00E+00 |
| * LCT | * ENSXMAT00000000121 | * NA | * NA | * 5.98E+00 | * 4.61E-03 | * NA | * NA |
| * HNF1B | * ENSXMAT00000011835 | * -9.31E-02 | * 1.00E+00 | * 2.97E+00 | * 1.39E-03 | * -1.43E+00 | * 1.00E+00 |
| * MAL | * ENSXMAT00000015564 | * 2.84E-01 | * 1.00E+00 | * 3.18E+00 | * 3.32E-12 | * 5.05E-02 | * 1.00E+00 |
| * CDH17 | * ENSXMAT00000013198 | * 2.26E+00 | * 1.00E+00 | * 7.93E+00 | * 1.68E-44 | * 1.31E+00 | * 1.00E+00 |
| * NAALADL1 | * ENSXMAT00000002958 | * 3.10E+00 | * 1.00E+00 | * 8.62E+00 | * 3.80E-20 | * 1.78E+00 | * 1.00E+00 |
| * == |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * IL20RA | * ENSXMAT00000007131 | * -7.29E-01 | * 6.49E-01 | * -1.10E+00 | * 3.46E-02 | * -2.13E+00 | * 6.18E-03 |
|  | * ENSXMAT00000003419 | * -1.33E+00 | * 7.88E-03 | * -1.55E+00 | * 1.26E-03 | * -2.60E+00 | * 4.87E-04 |
|  | * ENSXMAT00000017891 | * -4.60E-01 | * 1.00E+00 | * -1.33E+00 | * 1.13E-03 | * -2.31E+00 | * 8.69E-04 |
| * FMNL1 | * ENSXMAT00000016960 | * -6.59E-01 | * 1.00E+00 | * -1.43E+00 | * 3.92E-03 | * -2.52E+00 | * 8.69E-04 |
| * MYBPC2 | * ENSXMAT00000018061 | * -1.72E+00 | * 2.75E-06 | * -7.12E-01 | * 3.86E-01 | * -2.99E+00 | * 6.99E-07 |
| * PCDH20 | * ENSXMAT00000005131 | * -8.78E-01 | * 6.58E-01 | * -1.76E+00 | * 3.82E-03 | * -2.28E+00 | * 2.25E-02 |
| * KRT39 | * ENSXMAT00000000167 | * -1.23E+00 | * 2.81E-03 | * -1.20E+00 | * 2.34E-03 | * -2.33E+00 | * 4.31E-04 |
| * GPR113 | * ENSXMAT00000014370 | * -5.97E-01 | * 1.00E+00 | * -1.09E+00 | * 5.18E-01 | * -2.50E+00 | * 2.67E-02 |
| * PLEKHF2 | * ENSXMAT00000006293 | * 4.78E-01 | * 1.00E+00 | * -7.44E-01 | * 1.00E+00 | * -2.87E+00 | * 6.18E-03 |
|  | * ENSXMAT00000018860 | * -2.37E-01 | * 1.00E+00 | * -1.23E+00 | * 1.55E-03 | * -2.10E+00 | * 2.78E-03 |
| * TRPM5 | * ENSXMAT00000011854 | * -7.36E-01 | * 8.52E-01 | * -1.36E+00 | * 1.50E-02 | * -2.08E+00 | * 2.29E-02 |
|  | * ENSXMAT00000019567 | * -8.83E-01 | * 5.35E-01 | * -1.25E+00 | * 6.77E-02 | * -2.10E+00 | * 3.04E-02 |
|  | * ENSXMAT00000000587 | * -5.84E-01 | * 1.00E+00 | * -1.11E+00 | * 6.30E-02 | * -2.74E+00 | * 1.67E-04 |
| * KRT20 | * ENSXMAT00000000152 | * -1.11E+00 | * 1.23E-02 | * -1.04E+00 | * 1.72E-02 | * -2.04E+00 | * 4.88E-03 |
| * GPR116 | * ENSXMAT00000020092 | * -8.38E-01 | * 8.47E-01 | * -1.55E+00 | * 2.65E-02 | * -2.29E+00 | * 2.67E-02 |
| * ASTL | * ENSXMAT00000018048 | * 8.95E-02 | * 1.00E+00 | * -4.00E-01 | * 1.00E+00 | * -2.37E+00 | * 6.75E-04 |
| * ABCA12 | * ENSXMAT00000016051 | * -9.21E-01 | * 9.93E-02 | * -9.48E-01 | * 5.01E-02 | * -2.01E+00 | * 6.29E-03 |
| * EMX1 | * ENSXMAT00000016525 | * -8.57E-01 | * 5.43E-01 | * -1.16E+00 | * 9.94E-02 | * -2.64E+00 | * 1.10E-03 |
| * GPR113 | * ENSXMAT00000015243 | * -6.73E-01 | * 1.00E+00 | * -1.32E+00 | * 3.58E-02 | * -2.08E+00 | * 3.04E-02 |
|  | * ENSXMAT00000006946 | * -2.50E-01 | * 1.00E+00 | * -1.42E+00 | * 1.46E-04 | * -2.43E+00 | * 2.10E-04 |
| * ARID5B | * ENSXMAT00000011970 | * 4.60E-01 | * 1.00E+00 | * -6.72E-01 | * 1.00E+00 | * -2.09E+00 | * 2.15E-02 |
| * GALNT8 | * ENSXMAT00000005397 | * -8.83E-01 | * 3.63E-01 | * -1.33E+00 | * 1.37E-02 | * -2.38E+00 | * 2.69E-03 |
| * COL5A3 | * ENSXMAT00000001045 | * -1.13E+00 | * 1.42E-01 | * -1.11E+00 | * 1.98E-01 | * -2.22E+00 | * 2.40E-02 |
|  | * ENSXMAT00000013467 | * -6.67E-01 | * 1.00E+00 | * -1.27E+00 | * 4.14E-01 | * -2.75E+00 | * 2.40E-02 |
|  | * ENSXMAT00000013734 | * -1.04E+00 | * 6.64E-01 | * -1.33E+00 | * 2.91E-01 | * -2.60E+00 | * 2.97E-02 |
| * GLUL | * ENSXMAT00000011119 | * -1.18E+00 | * 1.02E-02 | * -1.30E+00 | * 1.57E-03 | * -2.22E+00 | * 1.84E-03 |
| * = |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * AMBP | * ENSXMAT00000001474 | * 2.26E+00 | * 2.38E-08 | * -2.70E+00 | * 1.84E-04 | * -5.79E-01 | * 1.00E+00 |
| * ITIH4 | * ENSXMAT00000017168 | * 2.72E+00 | * 8.45E-13 | * -2.57E+00 | * 1.37E-04 | * -5.67E-01 | * 1.00E+00 |
| * FETUB | * ENSXMAT00000005841 | * 2.35E+00 | * 6.94E-11 | * -2.11E+00 | * 1.58E-05 | * -5.68E-01 | * 1.00E+00 |
| * HPX | * ENSXMAT00000001187 | * 2.11E+00 | * 1.42E-09 | * -3.04E+00 | * 3.83E-16 | * -7.20E-01 | * 1.00E+00 |
|  | * ENSXMAT00000017676 | * 2.29E+00 | * 9.84E-08 | * -2.51E+00 | * 5.68E-03 | * -6.40E-01 | * 1.00E+00 |
|  | * ENSXMAT00000017320 | * 2.22E+00 | * 1.09E-06 | * -2.86E+00 | * 4.08E-03 | * -5.59E-01 | * 1.00E+00 |
| * FGG | * ENSXMAT00000019023 | * 2.53E+00 | * 1.79E-11 | * -2.15E+00 | * 6.83E-04 | * -8.91E-02 | * 1.00E+00 |
| * HABP2 | * ENSXMAT00000007120 | * 2.51E+00 | * 1.68E-11 | * -2.70E+00 | * 5.43E-06 | * -3.71E-01 | * 1.00E+00 |
| * SERPINA3 | * ENSXMAT00000010735 | * 2.55E+00 | * 9.09E-13 | * -2.06E+00 | * 2.16E-05 | * -2.84E-01 | * 1.00E+00 |
| * AHSG | * ENSXMAT00000004788 | * 2.20E+00 | * 2.66E-07 | * -2.00E+00 | * 3.19E-02 | * -5.12E-01 | * 1.00E+00 |
| * = |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * COL9A1 | * ENSXMAT00000014442 | * -3.24E+00 | * 1.78E-02 | * -3.91E+00 | * 2.02E-02 | * -3.51E+00 | * 2.03E-01 |
| * DLX4 | * ENSXMAT00000010720 | * -2.46E+00 | * 2.33E-09 | * -2.08E+00 | * 1.33E-06 | * -1.89E+00 | * 3.88E-02 |
| * FOSB | * ENSXMAT00000018734 | * -5.26E+00 | * 3.33E-44 | * -1.53E-01 | * 1.00E+00 | * -6.04E-01 | * 1.00E+00 |
| * ZIC1 | * ENSXMAT00000009197 | * -2.46E+00 | * 6.81E-08 | * -2.14E+00 | * 1.29E-05 | * -1.54E+00 | * 3.04E-01 |
| * ABCC5 | * ENSXMAT00000000266 | * -2.54E+00 | * 1.33E-09 | * -2.10E+00 | * 1.85E-06 | * -5.72E-01 | * 1.00E+00 |
| *  |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * BGLAP | * ENSXMAT00000017534 | * -1.94E+00 | * 3.67E-04 | * -3.79E+00 | * 7.79E-11 | * -3.75E+00 | * 5.58E-06 |
| * FGFBP2 | * ENSXMAT00000020144 | * -5.39E-01 | * 1.00E+00 | * -1.10E+00 | * 7.15E-01 | * -3.40E+00 | * 2.05E-03 |
|  | * ENSXMAT00000020324 | * -2.41E+00 | * 1.06E-12 | * -1.84E+00 | * 3.07E-08 | * -2.75E+00 | * 5.36E-06 |
|  | * ENSXMAT00000016375 | * -3.09E+00 | * 3.33E-04 | * -4.09E+00 | * 6.92E-05 | * -4.76E+00 | * 7.16E-04 |
| * HAND2 | * ENSXMAT00000015922 | * -6.25E-01 | * 1.00E+00 | * -7.41E-01 | * 1.00E+00 | * -5.97E+00 | * 8.84E-03 |
| * PRG4 | * ENSXMAT00000018787 | * -8.10E-01 | * 2.47E-01 | * -1.36E+00 | * 2.44E-04 | * -4.51E+00 | * 1.97E-14 |
| * MATN1 | * ENSXMAT00000002947 | * -2.27E+00 | * 1.55E-05 | * -2.27E+00 | * 8.23E-05 | * -8.63E+00 | * 1.97E-14 |
| * WFIKKN2 | * ENSXMAT00000012335 | * -2.83E+00 | * 1.01E-05 | * -3.64E+00 | * 8.11E-07 | * -6.57E+00 | * 2.07E-08 |
| * PSAT1 | * ENSXMAT00000002807 | * -1.06E+00 | * 9.50E-01 | * -5.90E-01 | * 1.00E+00 | * -3.38E+00 | * 1.10E-02 |
|  | * ENSXMAT00000016378 | * -3.94E+00 | * 1.11E-03 | * -4.68E+00 | * 1.82E-03 | * -5.03E+00 | * 1.69E-02 |
|  | * ENSXMAT00000020049 | * -3.91E+00 | * 4.90E-03 | * -5.42E+00 | * 2.62E-03 | * -5.77E+00 | * 2.52E-02 |
| * COL9A1 | * ENSXMAT00000012350 | * -1.41E+00 | * 5.13E-01 | * -1.36E+00 | * 7.77E-01 | * -4.05E+00 | * 6.40E-03 |
|  | * ENSXMAT00000019548 | * 4.45E-01 | * 1.00E+00 | * -2.02E+00 | * 4.27E-02 | * -4.80E+00 | * 7.46E-05 |
| *  |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * CPA1 | * ENSXMAT00000014488 | * 2.91E+00 | * 5.03E-10 | * 7.03E+00 | * 8.94E-73 | * 3.86E+00 | * 2.46E-09 |
| * CELA1 | * ENSXMAT00000018134 | * 3.24E+00 | * 1.12E-15 | * 7.13E+00 | * 4.84E-78 | * 4.11E+00 | * 1.21E-11 |
| * PRSS1 | * ENSXMAT00000010652 | * 2.99E+00 | * 8.55E-17 | * 7.30E+00 | * 6.38E-85 | * 3.93E+00 | * 1.21E-11 |
|  | * ENSXMAT00000004980 | * 4.11E+00 | * 5.08E-04 | * 7.78E+00 | * 1.08E-41 | * 5.10E+00 | * 8.27E-06 |
| * CEL | * ENSXMAT00000014057 | * 3.60E+00 | * 1.64E-15 | * 7.96E+00 | * 7.14E-87 | * 4.63E+00 | * 3.28E-13 |
| * VMO1 | * ENSXMAT00000018718 | * 2.77E+00 | * 1.88E-02 | * 6.46E+00 | * 1.63E-37 | * 3.60E+00 | * 2.67E-03 |
| * CELA3B | * ENSXMAT00000013895 | * 2.72E+00 | * 5.06E-04 | * 6.97E+00 | * 7.59E-58 | * 3.44E+00 | * 2.37E-04 |
| * CTRC | * ENSXMAT00000016668 | * 2.46E+00 | * 3.47E-06 | * 6.53E+00 | * 7.18E-63 | * 3.64E+00 | * 7.03E-08 |
| * AMY1C | * ENSXMAT00000000524 | * 3.40E+00 | * 5.38E-19 | * 7.55E+00 | * 1.12E-86 | * 4.52E+00 | * 2.90E-14 |
| * CPA4 | * ENSXMAT00000009519 | * 2.75E+00 | * 4.14E-06 | * 7.12E+00 | * 6.64E-68 | * 3.83E+00 | * 1.22E-07 |
| * CEL | * ENSXMAT00000014021 | * 3.41E+00 | * 2.71E-08 | * 7.82E+00 | * 1.69E-74 | * 4.77E+00 | * 1.62E-11 |
| * PRSS1 | * ENSXMAT00000006755 | * 2.97E+00 | * 1.93E-16 | * 7.05E+00 | * 8.68E-81 | * 4.02E+00 | * 4.87E-12 |
| * CTRC | * ENSXMAT00000016698 | * 2.96E+00 | * 3.22E-07 | * 7.07E+00 | * 2.93E-66 | * 3.85E+00 | * 1.37E-07 |
| * CELA1 | * ENSXMAT00000019434 | * 2.06E+00 | * 1.92E-04 | * 6.29E+00 | * 1.05E-60 | * 3.08E+00 | * 1.50E-05 |
| * EPDR1 | * ENSXMAT00000006920 | * 3.48E+00 | * 3.69E-04 | * 7.48E+00 | * 9.76E-51 | * 4.46E+00 | * 8.27E-06 |
| * ENDOU | * ENSXMAT00000002075 | * 2.74E+00 | * 2.25E-02 | * 6.12E+00 | * 1.04E-31 | * 3.63E+00 | * 2.05E-03 |
| * CPA3 | * ENSXMAT00000009218 | * 2.77E+00 | * 2.09E-09 | * 7.10E+00 | * 6.02E-75 | * 4.06E+00 | * 9.97E-11 |
| * CTRB2 | * ENSXMAT00000009985 | * 2.84E+00 | * 3.58E-15 | * 6.89E+00 | * 3.39E-78 | * 3.84E+00 | * 3.07E-11 |
| * = |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
| * APOA4 | * ENSXMAT00000018671 | * 2.06E+00 | * 1.37E-02 | * 4.96E+00 | * 7.16E-29 | * -1.17E-02 | * 1.00E+00 |
| * ENDOU | * ENSXMAT00000018532 | * 1.87E+00 | * 1.11E-01 | * 5.24E+00 | * 5.16E-31 | * 2.85E+00 | * 7.03E-03 |
| * LGALS4 | * ENSXMAT00000005939 | * 6.74E+00 | * 2.18E-06 | * 8.95E+00 | * 1.24E-23 | * 3.38E+00 | * 1.00E+00 |
| * MUC2 | * ENSXMAT00000007196 | * -5.21E-01 | * 1.00E+00 | * 5.53E+00 | * 1.22E-54 | * -3.29E+00 | * 4.64E-04 |
|  | * ENSXMAT00000017450 | * 2.04E+00 | * 4.19E-03 | * 2.72E+00 | * 6.44E-06 | * -2.97E-01 | * 1.00E+00 |
| * TBX4 | * ENSXMAT00000005754 | * 5.03E+00 | * 9.73E-05 | * 4.92E+00 | * 2.41E-03 | * 2.99E+00 | * 1.00E+00 |
|  | * ENSXMAT00000009445 | * 2.46E+00 | * 4.87E-02 | * 4.63E+00 | * 2.93E-14 | * 2.51E-01 | * 1.00E+00 |
| * CYP2J2 | * ENSXMAT00000011702 | * 2.33E+00 | * 1.42E-02 | * 2.65E+00 | * 4.43E-03 | * 5.73E-01 | * 1.00E+00 |
| * TSPAN1 | * ENSXMAT00000017418 | * 4.66E+00 | * 2.36E-03 | * 8.64E+00 | * 1.09E-41 | * 1.99E+00 | * 1.00E+00 |
| * APOB | * ENSXMAT00000017741 | * 2.20E+00 | * 1.16E-08 | * 2.53E+00 | * 8.57E-12 | * 4.04E-02 | * 1.00E+00 |
| * MAT1A | * ENSXMAT00000002830 | * 2.52E+00 | * 6.84E-04 | * 3.31E+00 | * 2.26E-07 | * 4.95E-01 | * 1.00E+00 |
| * TMIGD1 | * ENSXMAT00000010765 | * 2.76E+00 | * 3.87E-04 | * 5.74E+00 | * 9.94E-35 | * 3.00E-01 | * 1.00E+00 |
| * PLAC8 | * ENSXMAT00000019153 | * 2.64E+00 | * 6.21E-03 | * 5.58E+00 | * 8.66E-29 | * -1.14E+00 | * 1.00E+00 |
| * == |  |  |  |  |  |  |  |
| * symbol | * EnsemblID | * 8kJ log2(FC) | * 8kJ padj | * 16kJ log2(FC) | * 16kJ padj | * 32kJ log2(FC) | * 32kJ padj |
|  | * ENSXMAT00000020357 | * -9.56E-01 | * 4.62E-01 | * -2.04E+00 | * 4.50E-04 | * -1.37E+00 | * 6.94E-01 |
|  | * ENSXMAT00000006290 | * -1.77E+00 | * 2.80E-02 | * -2.41E+00 | * 3.50E-03 | * -2.48E+00 | * 6.97E-02 |