

Supplementary Table 4.

| RNA | logFC | logCPM | LR | PValue | FDR |
|-------------------------------|------------|-----------|----------|-----------|-----------|
| Prr15:protein coding | -0.7873999 | 4.547372 | 30.18055 | 0 | 0.0001084 |
| Gm15806:processed_pseudogene | -0.6498672 | 6.510597 | 25.26703 | 0.0000005 | 0.0006874 |
| mmu-miR-34c-5p | 0.7802879 | 11.007007 | 17.68464 | 0.0000261 | 0.0184327 |
| mmu piR 004086 | 0.97693 | 6.282539 | 17.63425 | 0.0000268 | 0.0184327 |
| Gm42427:TEC | -0.6134632 | 8.60391 | 16.67736 | 0.0000443 | 0.0244041 |
| Gata3:protein coding | -0.4928509 | 6.189582 | 16.11356 | 0.0000597 | 0.0273818 |
| mmu-miR-878-5p | 0.8891784 | 6.148635 | 15.77038 | 0.0000715 | 0.0281354 |
| Hpgd:protein coding | -0.5320409 | 8.066485 | 15.16616 | 0.0000985 | 0.0338922 |
| Ccdc136:protein coding | 0.6987606 | 4.387168 | 14.00494 | 0.0001823 | 0.0472578 |
| mmu-miR-181d-5p | 0.6157888 | 5.694342 | 13.85633 | 0.0001973 | 0.0472578 |
| Tacc2:protein coding | -0.5657623 | 4.398129 | 13.6902 | 0.0002156 | 0.0472578 |
| mmu-miR-871-3p | 0.6763168 | 6.446751 | 13.66182 | 0.0002189 | 0.0472578 |
| mmu-miR-9-5p | 0.7204504 | 6.140215 | 13.49688 | 0.000239 | 0.0472578 |
| Gm26168:misc RNA | 0.6325019 | 4.872739 | 13.22844 | 0.0002757 | 0.0472578 |
| Gm23921:misc RNA | 0.5727151 | 6.650877 | 13.21883 | 0.0002772 | 0.0472578 |
| Abcg2:nonsense mediated decay | -0.5214647 | 6.63881 | 13.19591 | 0.0002806 | 0.0472578 |
| Hipk3:protein coding | -0.4861401 | 4.791792 | 12.68259 | 0.0003691 | 0.0472578 |
| Odf1:protein coding | 0.5552237 | 6.042366 | 12.63222 | 0.0003792 | 0.0472578 |
| mmu-miR-881-3p | 0.8813852 | 10.06467 | 12.60867 | 0.000384 | 0.0472578 |
| mmu-miR-455-5p | 0.6872305 | 5.255313 | 12.60016 | 0.0003857 | 0.0472578 |
| Snord88a:snoRNA | 0.6180176 | 5.030322 | 12.50995 | 0.0004048 | 0.0472578 |
| His | 1.1442782 | 10.636565 | 12.47395 | 0.0004127 | 0.0472578 |
| Rnf2:protein coding | -0.4823013 | 4.596362 | 12.32996 | 0.0004457 | 0.0472578 |
| Gm10524:TEC | -0.494331 | 5.296549 | 12.29409 | 0.0004544 | 0.0472578 |
| Ptgr1:protein coding | -0.4927718 | 6.068551 | 12.28196 | 0.0004574 | 0.0472578 |
| Abcg2:protein coding | -0.5283684 | 7.721448 | 12.26538 | 0.0004614 | 0.0472578 |
| mmu-miR-218-5p | 0.659141 | 7.439262 | 12.23378 | 0.0004693 | 0.0472578 |
| iMet | 0.8698821 | 9.497592 | 12.18997 | 0.0004805 | 0.0472578 |