**Supplemetary File 1**

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| **gene symbol** | **name** | **cellular function** | **assay ID** |
| *Actb* | beta-actin  | cytoskeletal protein  | Mm00607939\_s1 |
| *B2m* | beta-2-microglobulin  | immunity protein  | Mm00437762\_m1 |
| *Gapdh* | glyceraldehyde-3-phosphate dehydrogenase | oxidoreductase  | Mm99999915\_g1 |
| *Hprt1* | hypoxanthine phosphoribosyl-transferase 1 | transferase  | Mm00446968\_m1 |
| *Tbp* | tata box binding protein  | transcription factor  | Mm00446973\_m1 |
| *Tfrc* | transferrin receptor  | receptor  | Mm00441941\_m1 |
| *Sdha* | succinate dehydrogenase complex, subunit A  | oxidoreductase  | Mm01352363\_m1 |