

Supplementary Table 2: Taqman primers

| Taqman Inventoried Primers | Company | Catalog Number | Inventor ID Number | Exon/Exon Junction |
|---------------------------------------|--------------------|-----------------------|---------------------------|-------------------------------|
| Mfn2 | Applied Biosystems | 4331182 | Mm00500120_m1 | 5/6 |
| Mfn1 | Applied Biosystems | 4331182 | Mm00612599_m1 | 7/8 |
| Opa1 | Applied Biosystems | 4331182 | Mm01349707_g1 | 16/17 |
| Drp1 | Applied Biosystems | 4331182 | Mm01342903_m1 | 13/14 |
| Fis1 | Applied Biosystems | 4331182 | Mm00481580_m1 | 2/3 |
| CD150 (SLAMF1) | Applied Biosystems | 4351372 | Mm00443316_m1 | 1/2 |
| IL7Ra | Applied Biosystems | 4331182 | Mm00434295_m1 | 1/2 |
| Sox4 | Applied Biosystems | 4331182 | Mm00486317_s1 | 1/2 |
| VWF | Applied Biosystems | 4331182 | Mm00550376_m1 | 3/4 |
| Fli1 | Applied Biosystems | 4331182 | Mm00484410_m1 | 7/8 |
| Prdm16 (total) | Applied Biosystems | 4351372 | Mm00712556_m1 | 14/15 |
| GAPDH | Applied Biosystems | 4352339E | | |

| Taqman Custom Primers | Forward | Reverse | 5'-FAM-Internal | Exon/Exon Junction |
|----------------------------------|----------------------------------|--|--------------------------------------|-------------------------------|
| FL-Prdm16 | 5'- TGAAGGAGGCCG ACTTTG-3' | 5'- CCTGGGATGA CACCTCTGTA -3' | 5'- TCCGTCAGCATC TGCTCCCATC-3' | 2/3 |