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| **Target gene** | **Taqman Assay ID or sequence** |
| *ACTB* | F: cctcatgaagatcctcaccga  R: ttgccaatggtgatgacctgg |
| *CDX2* | F: cacccacagccatagacctac  R: gtcagtccaggcaatgcttc |
| *CXCR4* | F: actgagaagcatgacggacaag  R: aggtagcggtccagactgatg |
| *GAPDH* | Hs02786624\_g1 |
| *GATA6* | Hs00232018\_m1 |
| *KLF2* | Hs07291763\_gH |
| *KLF5* | Hs00156145\_m1 |
| *NANOG* | Hs02387400\_g1 |
| *OCT4 (POU5F1)* | Hs04260367\_gH |
| *PAX3* | Hs00240950\_m1 |
| *PAX6* | Hs01088114\_m1 |
| *PDGFRa* | F: gctgagcctaatcctctgcc  R: actgctcacttccaagaccg |
| *PKCα (PRKCA)* | Hs00925200\_m1 |
| *PKCβ (PRKCB)* | Hs00176998\_m1 |
| *PKCγ (PRKCG)* | Hs00177010\_m1 |
| *SOX1* | Hs01057642\_s1 |
| *SOX2* | F: caccaatcccatccacactcac  R: gcaaagctcctaccgtaccac |
| *SOX17* | Hs00751752\_s1 |
| *T* | Hs00610080\_m1 |
| SeV detection | F: accaacaggcggtggtgcaa  R: tccaccccaacccctagcgt |
| *PAX6* genotyping | F: ggaattccagtacttcacgtgaaggcatct  R: tagaactgaagcggctctaacagccatttt |
| *SOX17* genotyping | F: agaaaggggtgcctttagaggacgggtgtt  R: aggaagtgtgtaacactgcttctggcctgc |