

**Table 1 Single Cell qPCR assay list**

Assay ID	Gene Symbol	RefSeq	Amplicon Length	Detects gDNA	Best Coverage
Hs01060665_g1	<i>ACTB</i>	NM_001101.3	63	Yes	Yes
Hs00154192_m1	<i>BMP2</i>	NM_001200.2	60	No	Yes
Hs03676628_s1	<i>BMP4</i>	NM_130850.2;NM_001202.3; NM_130851.2	116	Yes	Yes
Hs01034913_g1	<i>BMPR1A</i>	NM_004329.2	94	Yes	Yes
Hs00193796_m1	<i>CER1</i>	NM_005454.2	92	No	Yes
Hs01897804_s1	<i>CITED2</i>	NM_001168388.2;NM_00116 8389.2;NM_006079.4	106	Yes	Yes
Hs00607528_s1	<i>CLDN6</i>	NM_021195.4	154	Yes	Yes
Hs00164004_m1	<i>COL1A1</i>	NM_000088.3	66	No	Yes
Hs00976734_m1	<i>CXCR4</i>	NM_003467.2;NM_00100854 0.1	153	No	No
Hs00171876_m1	<i>DNMT3B</i>	NM_001207055.1;NM_00120 7056.1;NM_175848.1;NM_17 5849.1;NM_175850.2;NM_00 6892.3	55	No	Yes
Hs00172872_m1	<i>EOMES</i>	NM_001278183.1;NM_00127 8182.1;NM_005442.3	81	No	Yes
Hs01549976_m1	<i>FN1</i>	NM_212482.1;NM_054034.2; NM_002026.2;NM_212478.1; NM_212474.1;NM_212476.1	81	No	Yes
Hs00232764_m1	<i>FOXA2</i>	NM_021784.4;NM_153675.2	66	No	Yes
Hs00255287_s1	<i>FOXD3</i>	NM_012183.2	78	Yes	Yes
Hs00173503_m1	<i>FRZB</i>	NM_001463.3	108	No	Yes
Hs00246256_m1	<i>FST</i>	NM_006350.3;NM_013409.2	108	No	No
Hs00544355_m1	<i>GAL</i>	NM_015973.3	125	No	Yes
Hs00171403_m1	<i>GATA4</i>	NM_002052.3	68	No	Yes
Hs00232018_m1	<i>GATA6</i>	NM_005257.4	91	No	Yes
Hs00906630_g1	<i>GSC</i>	NM_173849.2	100	No	No
Hs00193435_m1	<i>HAS2</i>	NM_005328.2	63	No	Yes
Hs00242160_m1	<i>HHEX</i>	NM_002729.4	110	Yes	Yes
Hs00705137_s1	<i>IFITM1</i>	NM_003641.3	93	Yes	Yes
Hs01547673_m1	<i>ITGA5</i>	NM_002205.2	54	No	Yes
Hs00761767_s1	<i>KRT19</i>	NM_002276.4	116	Yes	Yes
Hs00764128_s1	<i>LEFTY1</i>	NM_020997.3	136	Yes	Yes
Hs00745761_s1	<i>LEFTY2</i>	NM_001172425.1;NM_00324 0.3	102	Yes	Yes
Hs00355202_m1	<i>LGALS1</i>	NM_002305.3	63	No	Yes
Hs00232144_m1	<i>LHX1</i>	NM_005568.3	60	No	Yes
Hs00702808_s1	<i>LIN28A</i>	NM_024674.4	143	Yes	Yes
Hs00430824_g1	<i>MIXL1</i>	NM_031944.1	152	No	No
Hs00899658_m1	<i>MMP1</i>	NM_001145938.1;NM_00242 1.3	64	No	Yes

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Hs01548727_m1	<i>MMP2</i>	NM_004530.4;NM_001127891.1	65	No	Yes
Hs01085598_g1	<i>MYL7</i>	NM_021223.2	74	No	Yes
Hs04399610_g1	<i>NANOG</i>	NM_024865.2	101	Yes	No
Hs00378379_m1	<i>NCLN</i>	NM_020170.3	65	No	Yes
Hs00415443_m1	<i>NODAL</i>	NM_018055.4	68	No	Yes
Hs00219496_m1	<i>PAF1</i>	NM_019088.3;NM_001256826.1	100	No	Yes
Hs04260367_gH	<i>POU5F1</i>	NM_001173531.1;NM_002701.4;NM_203289.4	77	Yes	Yes
Hs01375212_g1	<i>RPS18</i>	NM_022551.2	93	Yes	Yes
Hs00183425_m1	<i>SMAD2</i>	NM_001135937.2;NM_001003652.3;NM_005901.5	129	No	No
Hs00195591_m1	<i>SNAI1</i>	NM_005985.3	66	Yes	Yes
Hs00751752_s1	<i>SOX17</i>	NM_022454.3	149	Yes	Yes
Hs01053049_s1	<i>SOX2</i>	NM_003106.3	91	Yes	Yes
Hs00610080_m1	<i>T</i>	NM_001270484.1;NM_003181.3	132	No	Yes
Hs00761239_s1	<i>TAGLN2</i>	NM_001277224.1;NM_001277223.1;NM_003564.2	163	No	Yes
Hs02339499_g1	<i>TDGF1</i>	NM_003212.3;NM_001174136.1	170	Yes	No
Hs00902257_m1	<i>WNT3</i>	NM_030753.4	76	No	Yes