

## SUPPLEMENTARY TABLES

**Supplementary Table 1. List of antibodies and suppliers used for immunofluorescence.**

| Antibody | Isotype     | Suppliers |
|----------|-------------|-----------|
| Oct4     | Rabbit IgG1 | Abcam     |
| Sox2     | Rabbit IgG1 | Abcam     |
| Nanog    | Rabbit IgG1 | Abcam     |
| SSEA1    | Rabbit IgG1 | Abcam     |

**Supplementary Table 2. Primers for RT-PCR analysis of iPS cells.**

| Gene   | Forward primer (5'-3')   | Reverse primer (5'-3')    | Accession |
|--------|--------------------------|---------------------------|-----------|
| Oct4   | CTGAGGGCCAGGCAGGAGCACGAG | CTGTAGGGAGGGCTTCGGGCACTT  | NM_013633 |
| Nanog  | AGGGTCTGCTACTGAGATGCTCTG | CAACCACTGGTTTTTCTGCCACCG  | NM_028016 |
| Esg1   | GAAGTCTGGTTCCTTGGCAGGATG | ACTCGATACTGGCCTAGC        | NM_025274 |
| Fgf4   | CGTGGTGAGCATCTTCGGAGTGG  | CCTTCTGGTCCGCCCGTTCTTA    | NM_010202 |
| Dax1   | TGCTGCGGTCCAGGCCATCAAGAG | GGGCACTGTTCAAGTTCAGCGGATC | NM_007430 |
| GAPDH  | ATCCCAGAGCTGAACGGGAA     | TGCTTCACCACCTTCTTGATG     | NM_008084 |
| Zfp296 | CCATTAGGGGCCATCATCGCTTTC | CACTGCTCACTGGAGGGGGCTTGC  | BC099454  |

**Supplementary Table 3. Primers for RT-PCR analysis of differentiated EBs.**

| Gene      | Forward primer (5'-3')       | Reverse primer (5'-3')     | Accession      |
|-----------|------------------------------|----------------------------|----------------|
| Brachyury | ATGCCAAAGAAAGAAACGAC         | AGAGGCTGTAGAACATGATT       | NM_009309      |
| Map2      | CCTCAGAACAAACAGCCACA         | ATGCCAGATTTGGGGGTT         | NM_001039934.1 |
| GAPDH     | ATCCCAGAGCTGAACGGGAA         | TGCTTCACCACCTTCTTGATG      | NM_008084      |
| Gata6     | ACCTTATGGCGTAGAAATGCTGAGGGTG | CTGAATACTTGAGGTCCTGTTCTCGG | NM_010258.3    |

**Supplementary Table 4. Primers for qRT-PCR analysis of differentiated EBs.**

| Gene  | Forward primer (5'-3') | Reverse primer (5'-3') | Accession |
|-------|------------------------|------------------------|-----------|
| Oct4  | TGCTGAAGCAGAAGAGGATCA  | TGTTCTTAAGGCTGAGCTGCA  | NM_013633 |
| Sox2  | TGAACGCCTTCATGGTATGGT  | TTCTCGGTCTCGGACAAAAGT  | NM_011443 |
| GAPDH | ATCCCAGAGCTGAACGGGAA   | TGCTTCACCACCTTCTTGATG  | NM_008084 |