**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   | CTGAGGCCCCAGGCCAGGACGAG | CTGTAGGAGGGCTTCGGGACGAG | NM_013633 |
| Nanog  | AGGTCTCTGCTACTGAGATGTCTG | CAAACCACAGTTTTTCGGCACCA | NM_028016 |
| Esg1   | GAAAGCTGCTCTTCCCTGAGGAG | ACTCGAGGACTCGGCCCTAGC | NM_025274 |
| Fgf4   | CTGGTGAGCATCTCCGGATGGG | CCTTCTTCTGTCGGCCCTTTCTTA | NM_010202 |
| Dax1   | TGCTGCGGTCCAGGCACTCAAGAG | GGGCAGTTCAGTCAAGCAGGATCG | NM_007430 |
| GAPDH  | ATCCCAAGAGCTGAACGGGA    | TGCTTCACCACCTTCTTGATG  | NM_008084 |
| Zfp296 | CCATTAGGGCCCATCAGCT CCC | CACTGCTCAGTAGGGCTTGTCG | BC099454 |

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

| Gene   | Forward primer (5’-3’) | Reverse primer (5’-3’) | Accession |
|--------|------------------------|------------------------|-----------|
| Brachyury | ATGCCAAAGAAGAAAGACGAC | AGAGGCTTAGAAGATGATT    | NM_009309 |
| Map2   | CCTCAGAAACAAACAGCCACA | ATCCCAAGAAGATGAGCT  | NM_001039934.1 |
| GAPDH  | ATCCCAAGAGCTGAACGGGA  | TGCTTCACCACCTTCTTGATG | NM_008084 |
| Gata6  | ACCTTATG CCCGACTAGAAAAATGCTGAAGGTCG | CTGAATACACACAGTGACTGTCTTAG | NM_012058.3 |

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

| Gene | Forward primer (5’-3’) | Reverse primer (5’-3’) | Accession |
|------|------------------------|------------------------|-----------|
| Oct4 | TGCTGAGGAGCAAGGAGGATCA | TGTTCTAAGGCTGAGCTGCA   | NM_013633 |
| Sox2 | TGAACCGCTTCATGCTTGTGT | TTCTCGGTCCTCGGACAAAGTT | NM_011443 |
| GAPDH| ATCCCAAGAGCTGAACGGGA  | TGCTTCACCACCTTCTTGATG | NM_008084 |