**Supplementary Table 3. Antibodies**

Antigen host dilutiona cat. Number vendor

Oct3/4 mouse 1:300 sc-5279 Santa Cruz

Sox2 mouse 1:200 MAB4343 Chemicon/Millipore

Nanog rabbit 1:500 4903S Cell Signaling

Sox1 goat 1:500 sc-17317 Santa Cruz

Pax6 mouse 1:15 PAX6 DHSBb

Pax7 mouse 1:15 PAX7 DHSB

Otx2 goat 1:500 AF1979 R&D Systems

Islet1/2 mouse 1:50 39.3F7 DHSB

Eg5 rabbit 1:500 NB500-181 Novus Biologicals

nestin rabbit 1:500 ab5968 abCAM

vimentin goat 1:200 sc-7557 Santa Cruz

GFAP rabbit 1:500 ab7779 abCAM

III-Tubulin mouse 1:1000 MAB1195 R&D Systems

SSEA5 mouse 1:500 ab3355 abCAM

Tra-1-81 mouse 1:500 560793 BD Biosciences

aMonoclonal antibodies were stored in small aliquots at -80C and working stocks were maintained undiluted at 4oC; all other antibodies were maintained in 40% glycerol at -20oC as working stocks or -80oC for long term storage.

bDevelopmental Studies Hybridoma Bank.