

**Supplementary Table 2:** Summary of reprogramming experiments with efficiencies and clones produced from each experiment. Efficiency is based upon the number of cells transduced and number of stable clones obtained.

\*Derived from cryopreserved, transduced cells after original clone established proved unstable.

\*\*Derived with the TGF- $\beta$  pathway inhibitor SB431542

| Reprogramming Experiment | # of Individuals Attempted | # of Individuals Reprogrammed | Efficiency Range             | Clones Produced  |
|--------------------------|----------------------------|-------------------------------|------------------------------|--|
| 1                        | 5                          | 1                             | 0 – 1.3 x 10 <sup>-5</sup> % | 9947-c501  |
| 2                        | 5                          | 4                             | 0 – 5.9 x 10 <sup>-5</sup> % | 5765-c506<br>5765-c507<br>5765-c508<br>5765-c509<br>6751-c501<br>6571-c502<br>6571-c505<br>8175-c501<br>21328-c560 |
| 3                        | 8                          | 6                             | 0 – 7.7 x 10 <sup>-5</sup> % | 5764-c503<br>8173-c505<br>8174-c501<br>9939-c5101*<br>9947-c5101<br>17626-c501                                     |
| 4                        | 4                          | 2                             | 0 – 8.1 x 10 <sup>-5</sup> % | 17626-c5101<br>17626-c5103<br>21409-c550**<br>21409-c5156  |