**S3 Table. Data from *in vivo* clonal analysis (*Hnf1bCreER;mT/mG*).**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | total |
| No. Of Recombined cells\* | 18 | 65 | 18 | 61 | 45 | 95 | 60 | 40 | 57 | 40 | 39 | 60 | 38 | 65 | 48 | 61 | 19 | 31 | 118 | 63 | 108 | 16 | 1165 |
| No. of 2-cell clones | 4 | 18 | 5 | 16 | 10 | 20 | 12 | 10 | 14 | 10 | 10 | 11 | 8 | 13 | 10 | 15 | 2 | 4 | 18 | 12 | 20 | 2 | 244 |
| SOX9+/SOX9+ | 1 | 13 | 3 | 8 | 6 | 14 | 7 | 5 | 6 | 5 | 5 | 6 | 4 | 8 | 6 | 9 | 1 | 4 | 10 | 10 | 14 | 1 | 146 |
| SOX9+/NEUROG3+  | 0 | 0 | 0 | 1 | 4 | 0 | 3 | 2 | 4 | 3 | 2 | 1 | 1 | 2 | 1 | 5 | 0 | 0 | 1 | 1 | 3 | 0 | 34 |
| NEUROG3+/NEUROG3+  | 0 | 2 | 0 | 2 | 0 | 1 | 0 | 1 | 2 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 21 |
| NEUROG3+/NEUROG3-SOX9- | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| SOX9+/SOX9-NEUROG3- | 2 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 17 |
| SOX9-NEUROG3-/ SOX9-NEUROG3- | 1 | 2 | 2 | 1 | 0 | 3 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 18 |

\*mostly 1-cell clones except 14 3-cell clones and 2 4-cell clones out of 1165 recombined cells.