**TABLE S2: Self-renewal genes**

The self-renewal genes (*Foxp1, Sox9, Sox4, Fbn1, Notch2, Klf2*), are significantly higher in cluster 4 than in the remainder of the dataset.

| **Gene** | **Significant marker for clusters** |
| --- | --- |
| *Foxp1* | 3, 4, 5, 7 |
| *Sox9* | 3, 4, 5 |
| *Sox4* | 3, 4, 7 |
| *Notch2* | 3,4 |
| *Klf2* | 4 |