

**Table S4: Integrated density of *col* and *S59* transcriptional dots during muscle differentiation.**

|                                      |                | stage 12 | stage 13 | stage 14 | stage 15 | stage 16 |
|--------------------------------------|----------------|----------|----------|----------|----------|----------|
| <b>DA3</b><br><i>col<sup>i</sup></i> | Mean           | 131498   | 57068    | 14883    | 10868    | 3912     |
|                                      | Std. Deviation | 75347    | 52193    | 8431     | 6870     | 2329     |
|                                      | Minimum        | 17385    | 6781     | 40,59    | 1872     | 1332     |
|                                      | Maximum        | 265026   | 174940   | 46560    | 32195    | 7623     |
| <b>DT1</b><br><i>S59<sup>i</sup></i> | Mean           | 42963    | 38091    | 29538    | 37321    | 29974    |
|                                      | Std. Deviation | 43524    | 28688    | 22475    | 26285    | 27649    |
|                                      | Minimum        | 147,8    | 3900     | 6508     | 6869     | 3831     |
|                                      | Maximum        | 172737   | 105573   | 107490   | 134434   | 58916    |
| <b>LO1</b><br><i>S59<sup>i</sup></i> | Mean           | 53451    | 32979    | n.d.     | n.d.     | n.d.     |
|                                      | Std. Deviation | 43542    | 26919    |          |          |          |
|                                      | Minimum        | 257,6    | 4702     |          |          |          |
|                                      | Maximum        | 159462   | 91736    |          |          |          |
| <b>VA2</b><br><i>S59<sup>i</sup></i> | Mean           | 37168    | 33511    | 28241    | 27971    | 19623    |
|                                      | Std. Deviation | 31212    | 22505    | 20264    | 19580    | 17820    |
|                                      | Minimum        | 892,5    | 4027     | 5873     | 5044     | 1843     |
|                                      | Maximum        | 97009    | 87240    | 84562    | 101816   | 36774    |
| <b>VT1</b><br><i>S59<sup>i</sup></i> | Mean           | 51731    | 24844    | 27753    | 17823    | 12116    |
|                                      | Std. Deviation | 44434    | 18591    | 19191    | 17905    | 9447     |
|                                      | Minimum        | 6174     | 7308     | 4823     | 5621     | 5705     |
|                                      | Maximum        | 121658   | 59409    | 84044    | 84388    | 22965    |