**Online Supplement**

**Fms-like tyrosine kinase 3 is a regulator of the cardiac side population in mice**

Giacomo Della Verde1,\*, Michika Mochizuki1,\*, Vera Lorenz1, Julien Roux1,2, Lifen Xu1, Leandra Ramin-Wright1, Otmar Pfister1,3,# and Gabriela M. Kuster1,3,#

1Department of Biomedicine, University Hospital Basel and University of Basel, Switzerland, 2Swiss Institute of Bioinformatics, Basel, Switzerland, and 3Department of Cardiology, University Hospital Basel, Basel, Switzerland, \*co-first authors; # co-senior authors

**Supplemental Tables and Figure**

**Supplemental Table 2**

Gene set enrichment analysis. Hallmark signature gene sets that are differentially expressed in flt3L-/- versus wt SP-CPCs. Gene sets with an adjusted p-value <0.05 are listed.

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| --- | --- | --- | --- | --- | --- |
| **Gene Set** | **NGenes** | **Direction** | **absLog2FC** | **P.Value** | **adj.P.Val** |
| HALLMARK EPITHELIAL MESENCHYMAL TRANSITION | 180 | Down | 0.45 | 5.8E-11 | 2.9E-09 |
| HALLMARK INTERFERON ALPHA RESPONSE | 101 | Up | 0.25 | 1.7E-08 | 4.2E-07 |
| HALLMARK MYC TARGETS V1 | 194 | Up | 0.15 | 1.6E-05 | 2.6E-04 |
| HALLMARK DNA REPAIR | 151 | Up | 0.17 | 5.6E-04 | 7.0E-03 |
| HALLMARK OXIDATIVE PHOSPHORYLATION | 200 | Up | 0.12 | 1.0E-03 | 1.0E-02 |
| HALLMARK INTERFERON GAMMA RESPONSE | 198 | Up | 0.30 | 1.2E-03 | 1.0E-02 |
| HALLMARK MTORC1 SIGNALING | 195 | Up | 0.22 | 3.2E-03 | 2.1E-02 |
| HALLMARK UV RESPONSE DN | 139 | Down | 0.30 | 3.4E-03 | 2.1E-02 |
| HALLMARK UNFOLDED PROTEIN RESPONSE | 111 | Up | 0.16 | 8.6E-03 | 4.8E-02 |