**Supplementary File 3. Pathway analysis for genes upregulated only in EC\_cluster2**

|  |  |  |
| --- | --- | --- |
| Psap | Extracellular matrix | 0.00018412 |
| Extracellular region | 0.000548325 |
| Mt-co3 | Oxidoreduction-driven active transmembrane transporter activity | 0.014827033 |
| Pdia4 | Chaperone-mediated protein folding | 2.31652E-07 |
| Protein folding | 1.98193E-05 |