**a)**

|  |  |
| --- | --- |
| **Benjamini-Hochberg corrected p-values for differential expression** |  |
| **ECMPs compared to fibronectin controls** | **p\_*SOX17*** | **p\_*FOXA2*** | **p\_*GOOSECOID*** | **p\_*CXCR4*** | **p\_*OCT3/4*** | **p\_*NANOG*** | **p\_*SOX2*** |
| **Collagen 1** | 0.06204 | 0.002 | 0.54771 | 0.08676 | 0.00014 | 0.00051 | 0.00024 |
| **Collagen 2/Fibronectin** | 0.34044 | 0.30394 | 0.92176 | 0.46658 | 0.23717 | 0.61211 | 0.25118 |
| **Netrin 1/Fibronectin** | 0.43262 | 0.39634 | 0.77715 | 0.49071 | 0.37685 | 0.78037 | 0.37066 |
| **Vitronectin** | 0.60035 | 0.99941 | 0.89369 | 0.86855 | 0.99647 | 0.99748 | 0.82301 |

****

**b)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **log2 fold changes** |  |  |  |  |  |  |
| **ECMPs condition compared to fibronectin controls** | ***SOX17*** | ***FOXA2*** | ***GOOSECOID*** | ***CXCR4*** | ***OCT3/4*** | ***NANOG*** | **SOX2** |
| **Collagen 1** | 0.22976 | 0.55119 | -0.2401 | 0.27587 | -1.4698 | -1.3011 | -1.3335 |
| **Collagen 2/Fibronectin** | 0.19152 | 0.2855 | 0.07404 | 0.18384 | -0.5811 | -0.2514 | -0.5788 |
| **Netrin 1/Fibronectin** | 0.23748 | 0.36081 | 0.24586 | 0.26358 | -0.5957 | -0.2162 | -0.6337 |
| **Vitronectin** | -0.2026 | -0.0004 | -0.2 | -0.1104 | -0.0084 | 0.0053 | 0.22742 |

****