**Table S3. List of genes represented in Figure 4B-F.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Figure 4B** | **Figure 4C** | **Figure 4D** | **Figure 4E** | **Figure 4F** |
| 57 genes | 24 genes | 10 genes | 12 genes | 47 genes |
| Actb  | Il18 | Adamts8  | Bmp4 | Bmp5 | Adamts1  | Hapln1 |
| Adamts2 | Il1a  | Bmp4  | Col1a1 | Fgf10 | Bdnf | Igf1 |
| Amh  | Il1b  | Bmp8a  | Csf1 | Gdf11 | Bmp1 | Inha |
| Artn | Il2  | Bmp8b  | Ctgf | Igf2 | Bmp3 | Itga2 |
| Bmp10  | Il3  | Col1a1  | Fgf13 | Kitl | Bmp6 | Itga4 |
| Cdh1 | Il4  | Csf1  | Itga3 | Rabep1 | Cd44 | Lama1 |
| Cdh2 | Il6  | Ctgf  | Itgb3 | Spock1 | Cntn1 | Lama2 |
| Cdh3  | Il7  | Fgf13  | Itgb4 | Tgfa | Col3a1 | Lamb2 |
| Cdh4 | Inhba  | Fgf17  | Lamc1 | Tgfb1 | Col4a1 | Lif |
| Csf2  | Itga5 | Fgf18  | Thbs1 | Tgfb2 | Col4a2 | Mdk |
| Csf3  | Itgae  | Hprt1  |  | Timp2 | Col5a1 | Mmp11 |
| Ctnna1  | Itgav | Icam1  |  | Zfp91 | Col6a1 | Mmp9 |
| Ctnnb1  | Itgax  | Inhbb  |  |   | Ctnna2 | Ntf5 |
| Egf  | Itgb1 | Itga3  |  |   | Cxcl1 | Pgf |
| Ereg  | Lefty2 | Itgal  |  |   | Cxcl12 | Postn |
| Fgf11  | Lep  | Itgb3  |  |   | Ecm1 | Tgfb3 |
| Fgf2  | Mmp13  | Itgb4  |  |   | Emilin1 | Tgfbi |
| Fgf22  | Mmp14 | Lama3  |  |   | Entpd1 | Timp3 |
| Fgf6  | Mmp2 | Lamc1  |  |   | Fbln1 | Tnc |
| Fgf7  | Mmp8  | Pdgfa  |  |   | Fgf3 | Vcam1 |
| Fgf9 | Ncam1  | S100a6  |  |   | Figf | Vcan |
| Gdf10  | Ngfb  | Spp1  |  |   | Fn1 | Vegfa |
| Gdf5  | Ntf3 | Syt1  |  |   | Gdnf | Vegfc |
| Gdf8  | Sele  | Thbs1  |  |   |  | Vtn |
| Hc | Sell  |   |  |   |  |   |
| Hgf  | Sparc |   |  |   |  |   |
| Hsp90ab1  | Tff1  |   |  |   |  |   |
| Il11  | Thbs3 |   |  |   |  |   |
| Il12a  | Timp1 |   |   |   |   |   |