

**Supplemental Table 3. Gene numbers regulated by PJA1 knockdown and TGF- $\beta$ 1 treatment.**

Cell treatment	Gene regulation	Gene No.	co-regulation in both PJA1 knockdown and TGF- $\beta$ 1 treatment	Gene No.
PJA1 knockdown	upregulated	3055	co-upregulated	1584
	downregulated	3786		
TGF- $\beta$ 1 treatment	upregulated	3324	co-downregulated	1280
	downregulated	2544		