

Table E7. Association of the dataset #2 genes with Global Molecular Networks created by IPA using dataset 1 (Figures E1 and E2, and not shown)

Global Molecular Network (IPA)	Genes	
	Upregulated	Downregulated
1. Inflammatory Response	BMP8B, CIDEA, PRODH	BMP3, ERBB3, TLR1
2. Cellular Movement	C3, CH25H, PYHIN1	ABCA13, SPON1
3. Cell Cycle	FAM124B, KRT36	CHDH, SPRY3
4. Skeletal and Muscular System Development and Function	CXCL1, CXCL8, NFKB1, UCN2	DCC
5. Development Disorder	CH25H, CPT1B, ZC3H12A	SLC22A1
6. Cell Morphology	CYP1A1, FOXD3	MBP