

Supplemental Table 1.
Differentially Expressed Genes in E13.5 Control vs. *Fog2*^{-/-} hearts
(cut-off point ~2.5 fold)

Gene order	Affymetrix Probe	Fold Change	Sequence Accession Number	Gene Symbol	Gene Name
Downregulated genes					
1.	1419606_a_at	-4,21	NM_011618.1	Tnnt1	troponin T1
2.	1451203_at	-4,03	BC025172.1	Mb	myoglobin
3.	1448545_at	-3,88	AU021035	Sdc2	syndecan 2
4.	1433184_at	-3,22	AK020162.1	Cacna1c	calcium channel, voltage-dependent, L type, alpha 1C subunit
5.	1417023_a_at	-3,53	NM_024406.1	Fabp4	fatty acid binding protein 4
6.	1419012_at	-3,24*	AF107306.1	Zfpm2	Zinc finger protein, multitype 2
7.	1438072_at	-2,7	BB242844	Nfib	nuclear factor I/B
8.	1447231_at	-2,68	BM123508	Slc8a1	solute carrier family 8 (sodium/calcium exchanger)
9.	1441624_at	-2,66	BB479893	Sorbs2	sorbin and SH3 domain containing 2
10.	1446921_at	-2,66	BM204670	Grb10	growth factor receptor bound protein 10
11.	1458081_at	-2,59	BB477614	NA	hypothetical protein
12.	1457797_at	-2,52	AV340788	Slc8a1	solute carrier family 8 (sodium/calcium exchanger), member 1
13.	1417614_at	-2,44	NM_007710.1	Ckm	creatine kinase, muscle
14.	1438651_a_at	-2,41	BB483357	Agtrl1	angiotensin receptor-like 1
15.	1438878_at	-2,41	AU067682	6430537K16Rik	6430537K16Rik
Upregulated genes					
1.	1416645_a_at	10.08	NM_007423.1	Afp	alpha fetoprotein
2.	1454866_s_at	7.71	BQ176424	Clic6	chloride intracellular channel 6
3.	1427119_at	4.39	AV066321	Spink4	serine protease inhibitor, Kazal type 4
4.	1427126_at	3.36	M12573.1	Hspa1b	heat shock protein 1B
5.	1448949_at	3.27	NM_007607.1	Car4	carbonic anhydrase 4
6.	1416103_at	3.16	BF608615	Ywhaz	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide
7.	1419324_at	3.15	NM_010714.1	Lhx9	LIM homeobox protein 9
8.	1423691_x_at	3.12	M21836.1	Krt2-8	keratin complex 2, basic, gene 8
9.	1436043_at	3.07	BB508825	Scn7a	sodium channel, voltage-gated, type VI, alpha polypeptide
10.	1452388_at	3.05	AW763765	Hspa1a	heat shock protein 1A
11.	1433930_at	3.02	BG094050	Hpse	heparanase
12.	1439622_at	2.88	AV291679	Rassf4	Ras association (RalGDS/AF-6) domain family 4
13.	1418934_at	2.85	NM_011839.1	Mab21l2	mab-21-like 2 (<i>C. elegans</i>)
14.	1448756_at	2.69	NM_009114.1	S100a9	S100 calcium binding protein A9 (calgranulin B)
15.	1435761_at	2.68	AW146083	Stfal1	stefin A1
16.	1428547_at	2.57	AV273591	Nt5e	5' nucleotidase, ecto
17.	1416468_at	2.56	NM_013467.1	Aldh1a1	aldehyde dehydrogenase family 1, subfamily A1
18.	1430700_a_at	2.55	AK005158.1	Pla2g7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
19.	1448169_at	2.53	NM_010664.1	Krt1-18	keratin complex 1, acidic, gene 18

* Calculated by the Gene traffic program using the combined value for **both** tags corresponding to *Zfpm2* (*Fog2*). The call value for the tag corresponding to the deleted region (encoding zinc finger regions; Tevosian et al., 2000) of *Zfpm2* (*Fog2*) is absent (A) in the *Fog2*^{-/-} sample.