

Table S5: Zebrafish genes that are differentially expressed in CONVD compared to GF zebrafish larvae at 6dpf, and also homologous to vertebrate NF- κ B target genes

Zebrafish genes differentially expressed in 6dpf CONVD vs. GF zebrafish larvae					Homologous human NF- κ B target genes		
Gene name ^a	Gene symbol ^a	ZFIN ID ^a	Ensembl ID ^a	Probe set ID ^b	Gene name	Gene symbol	Reference ^c
novel mucin protein	A1L1X2_DANRE	--	ENSDARG00000069841	Dr.6064.1.A1_at	mucin 2, intestinal/tracheal	MUC2	Jono et al., 2002; Lee et al., 2002
ATP-binding cassette, sub-family A (ABC1), member 1A	abca1a	ZDB-GENE-031006-12	ENSDARG00000074635	Dr.7365.1.A1_at	ATP-binding cassette, sub-family A (ABC1), member 1	ABCA1	Gerbod-Giannone et al., 2006
angiotensinogen	agt	ZDB-GENE-030131-1205	ENSDARG00000016412	Dr.3585.1.S1_at	angiotensinogen	AGT	Ron et al., 1990
ba2 globin	ba2	ZDB-GENE-990415-19	ENSDARG00000077603 /// ENSDARG00000078255	Dr.25155.1.S1_s_at	hemoglobin, epsilon 1	HBE1	Hou et al., 2002
complement component C3a	c3a	ZDB-GENE-030131-9749	ENSDARG00000012694	Dr.6845.1.S1_at /// Dr.7722.1.A1_at	complement component 3	C3	Moon et al., 1999
complement component C3b /// complement component C3c	c3b /// c3c	ZDB-GENE-990415-37	ENSDARG00000052207	Dr.20291.1.A1_at /// Dr.21005.1.S1_s_at	complement component 3	C3	Moon et al., 1999
complement component C3c							
complement C4	c4	--	ENSDARG00000038424	Dr.12491.1.A1_at	complement component 4A	C4A	Yu et al., 1989
CCAAT/enhancer binding protein (C/EBP), delta	cebpd	ZDB-GENE-020111-4	--	Dr.1280.1.A1_at /// Dr.1280.1.A2_at	CCAAT/enhancer binding protein (C/EBP), delta	CEBPD	Liu et al., 2007
complement factor B	cfb	ZDB-GENE-980526-487	ENSDARG00000055278	Dr.190.1.S1_at /// Dr.22145.1.A1_at	complement factor B	CFB	Nonaka and Huang, 1990
cathepsin L1, a fatty acid binding protein 6, ileal (gastrotropin)	ctsl1a fabp6	ZDB-GENE-030131-106 ZDB-GENE-040625-49	ENSDARG00000007836 ENSDARG00000044566	Dr.19902.1.S1_at Dr.18599.1.S1_at	cathepsin L1 fatty acid binding protein 6, ileal (gastrotropin)	CTSL1 FABP6	Seth et al., 2003 Fang et al., 2007
insulin-like growth factor binding protein 1a	igfbp1a	ZDB-GENE-021231-1	ENSDARG00000014947	Dr.8587.1.A1_at /// Dr.8587.1.A2_at	insulin-like growth factor binding protein 1	IGFBP1	Lang et al., 1999
insulin-like growth factor binding protein 1b	igfbp1b	ZDB-GENE-081210-3	ENSDARG00000038666	Dr.16095.1.S1_at	insulin-like growth factor binding protein 1	IGFBP1	Lang et al., 1999
jun B proto-oncogene, like	junbl	ZDB-GENE-040426-2666	--	Dr.737.1.A1_at	jun B proto-oncogene	JUNB	Brown et al., 1995
similar to mucin 2 (MUC2)	LOC100148804	--	ENSDARG00000039253	Dr.14396.1.A1_at	mucin 2, intestinal/tracheal	MUC2	Jono et al., 2002; Lee et al., 2002
similar to Thrombospondin 1	LOC100151346	--	--	Dr.17761.1.S1_at	thrombospondin 1	THBS1	Yang et al., 2004
similar to TRAF2 binding protein (TIFA)	LOC560548	--	ENSDARG00000022134	Dr.17438.1.S1_at	TRAF-interacting protein with a forkhead-associated domain	TIFA	Chang et al., 2005
matrix metalloproteinase 9	mmp9	ZDB-GENE-040426-2132	ENSDARG00000042816	Dr.967.1.S1_at	matrix metalloproteinase 9	MMP9	Bond et al., 1998
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha a	ikbaa	ZDB-GENE-040426-2227	ENSDARG00000005481	Dr.7368.1.A1_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	IKBA	Sun et al., 1993
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha b	ikbab	ZDB-GENE-030131-1819	ENSDARG00000007693	Dr.24507.1.S1_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	IKBA	Sun et al., 1993

prostaglandin-endoperoxide synthase 2a	ptgs2a	ZDB-GENE-020530-2	ENSDARG0000004539	Dr.1082.1.S1_at	prostaglandin-endoperoxide synthase 2	PTGS2	Yamamoto et al., 1995; Inoue and Tanabe 1998
serum amyloid A serine proteinase inhibitor, clade A, member 1 /// serine proteinase inhibitor, clade A, member 1, like	saa serpina1 /// serpina1l	ZDB-GENE-040927-15 ZDB-GENE-030131-1421 /// ZDB-GENE-040721-3	ENSDARG00000045999 ENSDARG00000078556 /// ENSDARG00000079619	Dr.13131.1.S1_at Dr.1605.1.S1_at	serum amyloid A1 /// serum amyloid A2 serine proteinase inhibitor, clade A, member 1	SAA1 /// SAA2 SERPINA1	Li and Liao, 1991; Edbrooke et al., 1991 Ray et al., 1995
novel pentraxin-related gene	si:ch211-234p6.12	ZDB-GENE-060503-220	ENSDARG00000042613	Dr.20270.1.S1_at	C-reactive protein, pentraxin-related	CRP	Cha-Molstad et al., 2000
transferrin a	tfa	ZDB-GENE-980526-35	ENSDARG00000016771	Dr.1889.1.S1_at /// Dr.1889.2.A1_a_at	transferrin /// lactotransferrin	TF /// LTF	Harizanova et al., 2005; Zheng et al., 2005
similar to complement component C3	zgc:103710	ZDB-GENE-041212-2	ENSDARG00000043719	Dr.23731.1.A1_at	complement component 3	C3	Moon et al., 1999

^a If a probe set represents multiple zebrafish transcripts, those genes are listed together separated by "///".

^b If a zebrafish transcript is represented by multiple probe sets, those probe sets are listed together separated by "///".

^c References indicating that respective vertebrate gene is a target of the NF- κ B pathway.