

Table S3: Subset of Zebrafish early genes with human and mouse orthologs							
Genbank ID(ZF)	Zebrafish ID	Entrez Gene	Unigene Name (zebrafish)	Gene symbol	Human ID	Human ortholog	Human Gene description
AW116838	Dr.19225	336425	Aldolase a, fructose-bisphosphate	aldoa	Hs.155247	ALDOA	Fructose-bisphosphate aldolase
BM005100	Dr.5438	327026	ADP-ribosylation factor 1 like	arf1l	Hs.119177 Hs.	ARF1_HUMAN	ADP-ribosylation factor 1
AW076882	Dr.6582	403025	Cancer susceptibility candidate 3	casc3	Hs.350229	CASC3	Cancer susceptibility candidate 3
AI437239	Dr.6928	116994	Chaperonin containing TCP1, subunit 6A	cct6a	Hs.73072 Hs.	CCT6A	T-complex protein 1, zeta subunit
BE557308	Dr.134	192324	Chaperonin containing TCP1, subunit 7	cct7	Hs.368149	CCT7	T-complex protein 1, eta subunit
BG303647	Dr.26326	321602	Cyclin-dependent kinase 9 (CDC2-related kinase 9)	cdk9	Hs.150423	CDK9	Cell division protein kinase 9
AB040044	Dr.8161	57970	Coatomer protein complex, subunit zeta-2	copz1	Hs.37482 Hs.	Copz2	Coatomer zeta-2 subunit
BI888253	Dr.20911	30436	Eyes absent homolog 1	eya1	Hs.491997	EYA4	Eyes absent homolog 4
AI878758	Dr.3225	317737	Glutamate dehydrogenase 1a	glud1a	Hs.368538 Hs.	GLUD1	Glutamate dehydrogenase 1, mitochondrial
AW128619	Dr.1388	325284	G1 to S phase transition 1	gspt1	Hs.59523 Hs.	GSPT1	G1 to S phase transition protein 1
AF412832	Dr.12595	140427	Heat shock factor 2	hsf2	Hs.158195	HSF2	Heat shock factor protein 2
D38454	Dr.20916	30151	Insulin gene enhancer protein 1-like 3	isl3	Hs.444677	ISL2	Insulin gene enhancer protein 1-like 3
AY052752	Dr.7485	170444	Pbx/knotted 1 homeobox 1.1	pknox1.1	Hs.431043	PKNOX1	Homeobox protein PKNOX1
AW305657	Dr.1375	336786	Proteasome (prosome, macropain) 2	psmc1	Hs.131528 Hs.	PRS4_HUMAN	26S protease regulatory subunit 4
AW116396	Dr.11425	327512	Phosphoserine aminotransferase 1	psat1	Hs.494261	PSAT1	Phosphoserine aminotransferase 1
BE558184	Dr.1119	322129	Retinoblastoma binding protein 4, like 1	rbb4l	Hs.16003	RBBP7	Histone acetyltransferase type II
AA495420	Dr.11588	334757	Sideroflexin 2	sfxn2	Hs.44070	SFXN2	Sideroflexin 2
AI545320	Dr.3018	323071	Transcription elongation regulator 1	tcerg1	Hs.443465	TCERG1	Transcription elongation regulator 1
AY029577	Dr.12594	140614	X-box binding protein 1	xbp1	Hs.437638	XBP-1	X box binding protein-1
AW777876	Dr.9798	368235	Tyrosyl-tRNA synthetase	yars	Hs.213264	YARS	Tyrosyl-tRNA synthetase, cytoplasmic
U85091	Dr.5112	30603	SRY-box containing gene 11b	sox11b			
BM023680	Dr.26724	321659	Zinc finger RNA binding protein	zfr			

