

Supplemental Table S4: 21dpf trunk RNA-seq data, genes differentially expressed between *nr5a1b* and wildtypes.

EnsemblID	baseMean	log2FoldChange	fold up	fold down	lfcSE	stat	pvalue	padj	EnsemblGeneName	ZFIN_ID	ZFIN_Name
ENSDARG00000116005	12.85333341	35.53162899	49669080577.44	0.00	2.802012109	12.68075498	7.56002E-37	1.53143E-32	zgc:171446	ZDB-GENE-080205-1	zgc:171446
ENSDARG00000078394	4.975737802	31.89567432	3995348827.53	0.00	4.762063474	6.69786837	2.11482E-11	5.35498E-08	CABZ01059627.1		
ENSDARG00000040510	9.390766129	27.80775707	234946505.26	0.00	3.561065327	7.80883093	5.77209E-15	3.34218E-11	ca15b	ZDB-GENE-040426-2222	ca15b
ENSDARG00000070714	9.98505016	23.87273302	15360619.00	0.00	4.080094635	5.85102434	4.88555E-09	7.06904E-06	zgc:173544	ZDB-GENE-030131-6229	zgc:173544
ENSDARG00000105346	9.045770897	23.17568314	9474925.32	0.00	4.840719417	4.787652649	1.68743E-06	0.001266013	zp2.2	ZDB-GENE-010622-1	zp2.2
ENSDARG00000095486	5.762329285	21.44753176	2859896.99	0.00	5.815591288	3.687936565	0.00022608	0.0685432	CU467646.2		
ENSDARG00000087392	15.91016015	16.467014	90586.85	0.00	2.292886749	7.181782534	6.88083E-13	2.32308E-09	si:ch73-160p18.3	ZDB-GENE-141212-268	si:ch73-160p18.3
ENSDARG00000105499	8.933914054	16.00795645	65898.43	0.00	2.561104368	6.250411601	4.09372E-10	8.29266E-07	zgc:175135	ZDB-GENE-080214-1	zgc:175135
ENSDARG00000093704	4.751079804	15.5778965	48911.85	0.00	3.214169905	4.846631312	1.25575E-06	0.001017513	si:dkeyp-46h3.8	ZDB-GENE-060503-183	si:dkeyp-46h3.8
ENSDARG00000093255	17.430777	15.30632842	40519.49	0.00	3.699288536	4.137641137	3.50895E-05	0.018225826	si:dkey-229d11.3	ZDB-GENE-091117-40	si:dkey-229d11.3
ENSDARG00000055751	32.85865787	3.274072479	9.67	0.10	0.383160596	8.544909133	1.28637E-17	1.3029E-13	fosb	ZDB-GENE-041114-181	fosb
ENSDARG00000079922	44.59147374	1.935461958	3.83	0.26	0.24839328	7.791925618	6.59956E-15	3.34218E-11	klf4	ZDB-GENE-111014-1	klf4
ENSDARG00000093304	11.27070965	1.923199968	3.79	0.26	0.319587286	6.017761204	1.76846E-09	2.83366E-06	si:dkey-221j11.3	ZDB-GENE-090313-247	si:dkey-221j11.3
ENSDARG00000044685	191.0641097	1.814517513	3.52	0.28	0.320763621	5.656868157	1.5416E-08	1.95176E-05	nr0b2a	ZDB-GENE-080403-1	nr0b2a
ENSDARG00000091669	28.49608733	1.655184134	3.15	0.32	0.252109642	6.565334509	5.19162E-11	1.16852E-07	bicld2l	ZDB-GENE-091204-161	bicld2l
ENSDARG00000010770	6.690305925	1.501285802	2.83	0.35	0.404738648	3.709272166	0.000207856	0.06578964	sox19a	ZDB-GENE-980526-102	sox19a
ENSDARG00000089307	13.12342719	1.348658219	2.55	0.39	0.259162921	5.203901139	1.95148E-07	0.000190223	pmaip1	ZDB-GENE-070119-3	pmaip1
ENSDARG00000060109	30.04494609	1.265468346	2.40	0.42	0.187047003	6.76550987	1.32841E-11	3.84422E-08	aggf1	ZDB-GENE-060929-836	aggf1
ENSDARG00000058606	252.7151589	1.222487837	2.33	0.43	0.211628371	5.776578209	7.62351E-09	1.02953E-05	sik1	ZDB-GENE-030131-9446	sik1
ENSDARG00000055854	29.24643184	1.202194489	2.30	0.43	0.251764829	4.775069234	1.79645E-06	0.001299671	nr4a3	ZDB-GENE-070824-4	nr4a3
ENSDARG00000029290	24.80883529	1.004585351	2.01	0.50	0.226690296	4.431532217	9.35658E-06	0.005574597	stx11b.1	ZDB-GENE-040426-1893	stx11b.1
ENSDARG00000020298	119.7201683	0.978522292	1.97	0.51	0.243079187	4.025528893	5.68474E-05	0.026780413	btg2	ZDB-GENE-000210-15	btg2
ENSDARG00000105641	38.26533107	0.839228375	1.79	0.56	0.22380558	3.749809875	0.000176969	0.058768112	si:ch211-98n17.5	ZDB-GENE-160728-87	si:ch211-98n17.5
ENSDARG00000087873	49.56970246	0.821144689	1.77	0.57	0.179971533	4.562636529	5.05152E-06	0.003197772	eews	ZDB-GENE-131121-365	eews
ENSDARG00000101135	52.95969954	0.749740824	1.68	0.59	0.199629989	3.75565228	0.000172891	0.058370748	si:dkey-85k7.7	ZDB-GENE-040128-7	si:dkey-85k7.7
ENSDARG00000059507	23.6779285	0.718962809	1.65	0.61	0.173130285	4.152727	3.28537E-05	0.017513594	si:dkey-163m14.2	ZDB-GENE-120215-47	si:dkey-163m14.2
ENSDARG00000030110	47.98595101	0.708266167	1.63	0.61	0.17049518	4.154171212	3.26469E-05	0.017513594	myod1	ZDB-GENE-980526-561	myod1
ENSDARG00000077130	34.59171923	0.64123953	1.56	0.64	0.164229866	3.904524463	9.44108E-05	0.039843342	bcl10	ZDB-GENE-100219-2	bcl10
ENSDARG00000099011	79.68674766	0.637373399	1.56	0.64	0.168658839	3.779069063	0.000157416	0.055943353	slc38a5a	ZDB-GENE-081105-92	slc38a5a
ENSDARG00000061841	78.10861133	0.617431618	1.53	0.65	0.110629529	5.581074257	2.39038E-08	2.84834E-05	tiparp	ZDB-GENE-031002-47	tiparp
ENSDARG00000088440	141.5108046	0.61704299	1.53	0.65	0.118617461	5.201957481	1.972E-07	0.000190223	ssh2a	ZDB-GENE-030131-3810	ssh2a
ENSDARG00000018524	273.247774	0.57393767	1.49	0.67	0.156073779	3.677348455	0.000235671	0.069188225	midn	ZDB-GENE-030131-2433	midn
ENSDARG00000100515	249.5827079	0.563691766	1.48	0.68	0.153033264	3.683459094	0.00023009	0.0685432	dup1	ZDB-GENE-040426-2018	dup1
ENSDARG00000016570	144.2095526	0.530328035	1.44	0.69	0.14851608	3.570845898	0.00035583	0.094842797	prlra	ZDB-GENE-080103-2	prlra
ENSDARG00000005972	82.05033023	0.445181644	1.36	0.73	0.124509511	3.575483021	0.000349582	0.094419731	ric8b	ZDB-GENE-030131-6435	ric8b
ENSDARG00000062390	114.7583094	0.368029797	1.29	0.77	0.097587121	3.771294744	0.000162403	0.056720547	cdc42ep5	ZDB-GENE-030131-5813	cdc42ep5
ENSDARG00000021439	691.9110344	-0.3833897	0.77	1.30	0.100578713	-3.811837401	0.000137938	0.053538991	ncoa4	ZDB-GENE-040426-689	ncoa4
ENSDARG00000044874	98.37936555	-0.414264537	0.75	1.33	0.115681436	-3.581080539	0.000342176	0.093668408	zgc:92107	ZDB-GENE-041114-4	zgc:92107
ENSDARG00000062058	152.6113647	-0.470510415	0.72	1.39	0.132334454	-3.55546421	0.000377312	0.097989994	slc12a7b	ZDB-GENE-030829-61	slc12a7b
ENSDARG00000101195	84.27840468	-0.485233191	0.71	1.40	0.133097586	-3.64569489	0.00026667	0.075652392	cyp1c1	ZDB-GENE-050522-501	cyp1c1
ENSDARG00000059610	67.30614306	-0.499726464	0.71	1.41	0.131229658	-3.808029935	0.000140078	0.053538991	gpr146	ZDB-GENE-050823-3	gpr146
ENSDARG00000041607	158.3568523	-0.520096396	0.70	1.43	0.129749858	-4.008454447	6.11174E-05	0.028137629	eif4ebp3l	ZDB-GENE-030826-26	eif4ebp3l
ENSDARG00000057652	482.4642488	-0.606035391	0.66	1.52	0.132051447	-4.589388484	4.44546E-06	0.002904896	dbpb	ZDB-GENE-100922-6	dbpb
ENSDARG00000074390	95.81920218	-0.630675647	0.65	1.55	0.175518541	-3.593213821	0.000326624	0.090636018	tmem176l.4	ZDB-GENE-030131-3532	tmem176l.4
ENSDARG00000100826	254.3471364	-0.650909456	0.64	1.57	0.163669276	-3.976980122	6.9796E-05	0.031419056	hif1al	ZDB-GENE-040426-1315	hif1al
ENSDARG00000094760	30.81847426	-0.658479529	0.63	1.58	0.185161841	-3.556237747	0.000376204	0.097989994	si:dkey-125i10.3	ZDB-GENE-060526-198	si:dkey-125i10.3
ENSDARG00000040410	76.68547307	-0.68146192	0.62	1.60	0.182513359	-3.733764609	0.000186369	0.060654862	lox12a	ZDB-GENE-070818-1	lox12a
ENSDARG00000011371	140.4107802	-0.693481546	0.62	1.62	0.170919496	-4.057357768	4.9631E-05	0.024322512	zgc:64106	ZDB-GENE-040426-1370	zgc:64106
ENSDARG00000028731	69.248405	-0.694060811	0.62	1.62	0.177384466	-3.912748554	9.12515E-05	0.039329412	stat4	ZDB-GENE-030616-264	stat4
ENSDARG00000102058	18.07537253	-0.72549414	0.60	1.65	0.199116857	-3.6435962	0.000268893	0.075652392	si:dkeyp-11e3.1	ZDB-GENE-141222-55	si:dkeyp-11e3.1
ENSDARG00000036848	112.7729195	-0.762970736	0.59	1.70	0.202571618	-3.766424662	0.000165602	0.056857631	slc43a2a	ZDB-GENE-040426-964	slc43a2a
ENSDARG00000041294	44.0806646	-0.913597057	0.53	1.88	0.244408011	-3.737999633	0.00018549	0.060604441	noxo1a	ZDB-GENE-030131-9700	noxo1a
ENSDARG00000038321	112.5910405	-0.916981658	0.53	1.89	0.242250524	-3.785261814	0.000153547	0.055542827	zgc:172053	ZDB-GENE-080219-25	zgc:172053
ENSDARG00000070434	21.36927845	-0.945473158	0.52	1.93	0.218606773	-4.324994814	1.52535E-05	0.008828316	rhov	ZDB-GENE-031002-10	rhov
ENSDARG00000062221	15.1448281	-0.985924479	0.50	1.98	0.257077974	-3.835118449	0.000125504	0.049849616	arap1a	ZDB-GENE-030131-6226	arap1a
ENSDARG00000105179	12.27115326	-0.988505089	0.50	1.98	0.268343068	-3.683736256	0.00022984	0.0685432	hdac7a	ZDB-GENE-150129-1	hdac7a
ENSDARG00000069559	93.96355756	-1.017087584	0.49	2.02	0.249879883	-4.070305981	4.69514E-05	0.023777378	muc13a	ZDB-GENE-061207-26	muc13a

