

Table S1 Sequences per fish

Fish	Sequences	Stacks	SNPs
male	4,694,285	82,143	10,100
female	4,231,941	81,503	9,447
progeny_1	643,297	57,233	4,663
progeny_2	1,789,897	65,364	9,484
progeny_3	2,715,537	67,077	10,178
progeny_4	1,784,627	65,837	9,618
progeny_5	2,134,445	90,791	9,104
progeny_6	2,084,585	74,669	8,809
progeny_7	3,346,939	84,837	10,616
progeny_8	2,836,206	76,847	10,052
progeny_9	3,372,173	72,823	10,315
progeny_10	2,380,042	69,991	9,751
progeny_11	2,383,122	76,977	9,574
progeny_12	3,142,402	87,409	10,176
progeny_13	1,837,842	80,711	8,420
progeny_14	2,194,250	94,163	8,383
progeny_15	744,441	59,356	5,003
progeny_16	3,925,884	433,923	12,626
progeny_17	3,051,835	393,452	10,804
progeny_18	3,141,564	394,713	11,129
progeny_19	2,379,993	296,140	8,803
progeny_20	3,300,759	397,593	11,028
progeny_21	3,674,007	387,798	11,676
progeny_22	1,994,292	257,425	7,895
progeny_23	2,812,816	343,957	9,967
progeny_24	2,743,864	331,489	9,902
progeny_25	2,660,642	317,927	9,298
progeny_26	3,960,192	375,931	11,480
progeny_27	3,762,648	387,889	11,190
progeny_28	2,505,011	314,252	9,321
progeny_29	2,668,092	320,277	9,342
progeny_30	2,038,211	278,254	7,501
progeny_31	1,901,964	248,975	7,372
progeny_32	2,336,896	303,702	8,719
progeny_33	4,124,569	436,789	12,439
progeny_34	2,940,943	312,995	10,008
progeny_35	2,283,742	236,572	8,711

progeny_36	2,358,741	301,974	8,575
progeny_37	2,685,887	297,729	9,838
progeny_38	2,300,697	286,404	8,847
progeny_39	4,050,016	401,603	11,855
progeny_40	2,359,506	312,359	8,253

'Sequences' lists the number of retained reads. 'Stacks' lists the number of different stacks formed by the software for each individual. 'SNPs' lists the number of single nucleotide polymorphisms found in the RAD-tags for each animal.