

Supplementary table S.1 Number of reads per sample, including treatment, fish family, organ type, flowcell lane number, total reads and mapped reads. Two samples from gills and one sample from head kidney were of reduced quality and had to be removed from further analysis. This led to 4 samples in gills (clone XII, clone clone mix) and head kidney (clone I, clone XII, clone clone mix) as well as 3 samples in gills (clone I, control) and head kidney (control), resulting in 29 individual libraries.

sample	fish_family	treatment	organ	lane_no	total_reads	aligned_reads	%_aligned
1	10-10x15	control	gills	L006	11193950	6374910	56,95
2	10-13x12	control	gills	L001	6542490	3710021	56,71
3	10-2x1	control	gills	L002	11781202	6625186	56,24
4	10-10x15	clone mix	gills	L007	9034308	4817625	53,33
5	10-11x16	clone mix	gills	L006	10700158	6461189	60,38
6	10-13x12	clone mix	gills	L004	24710382	11990896	48,53
7	10-2x1	clone mix	gills	L003	12123212	6914101	57,03
8	10-10x15	clone I	gills	L004	11070914	5252831	47,45
9	10-11x16	clone I	gills	L008	12455600	6233762	50,05
10	10-13x12	clone I	gills	L004	13034054	6891659	52,87
11	10-10x15	clone XII	gills	L008	14880032	6888039	46,29
12	10-11x16	clone XII	gills	L007	9508384	4819680	50,69
13	10-13x12	clone XII	gills	L006	9498616	5792914	60,99
14	10-2x1	clone XII	gills	L005	9015786	4803562	53,28
15	10-10x15	control	head_kidney	L005	10356510	5845850	56,45
16	10-11x16	control	head_kidney	L008	16185886	8286884	51,20
17	10-2x1	control	head_kidney	L004	19945222	10646606	53,38
18	10-10x15	clone mix	head_kidney	L001	31556086	17647114	55,92
19	10-11x16	clone mix	head_kidney	L008	20305784	9906271	48,79
20	10-13x12	clone mix	head_kidney	L005	14366550	7398995	51,50
21	10-2x1	clone mix	head_kidney	L006	18581584	11015042	59,28
22	10-10x15	clone I	head_kidney	L005	14538858	7900850	54,34
23	10-11x16	clone I	head_kidney	L007	14744676	8186321	55,52
24	10-13x12	clone I	head_kidney	L004	20077788	11469317	57,12
25	10-2x1	clone I	head_kidney	L003	28496486	19646137	68,94
26	10-10x15	clone XII	head_kidney	L008	23881298	12756204	53,42
27	10-11x16	clone XII	head_kidney	L008	42804942	21061942	49,20
28	10-13x12	clone XII	head_kidney	L003	22337552	12241427	54,80
29	10-2x1	clone XII	head_kidney	L001	22988590	13737901	59,76