

Sample Name	Sex	Location	Internal Sample ID	Library Name	ENA Sample	i7 Tag	i5 Tag	Lane 1	Lane 1 ENA Run	Lane 1 read count	Total filtered reads	Lane 1 uniquely mapped reads	Lane 2	Lane 2 ENA Run	Lane 2 Read count	Total filtered reads	Lane 2 unique mapped reads	Total read count	Total v10 PE mapped reads	Percent v10 PE mapped reads
X Eggs R1	Mix	Intramamalian	5837STDY9141995	NT1631279D	ERS4985650	TTACCGAC	CGAATGAC	35101_243	ERR11178266	35,887,713	35,711,893	28,792,320	35207_243	ERR11178356	37,143,727	34,707,754	28,008,863	73,031,440	56,801,183	77.78
X Eggs R2	Mix	Intramamalian	5837STDY9141996	NT1631280T	ERS4985649	TCGCTTGA	GTCCTTGA	35101_2413	ERR11178276	29,267,011	27,926,030	23,410,952	35207_2413	ERR11178366	30,482,693	27,197,392	22,836,299	59,749,704	46,247,251	77.40
X Eggs R3	Mix	Intramamalian	5837STDY9141997	NT1631281U	ERS4985652	TTCCAGGT	CAGTGCTT	35101_2423	ERR11178286	38,431,463	38,662,920	31,139,740	35207_2423	ERR11178376	39,962,345	37,370,199	30,121,675	78,393,808	61,261,415	78.15
X Eggs R4	Mix	Intramamalian	5837STDY9141998	NT1631282V	ERS4985654	TACGTTCT	TCCATTGT	35101_2432	ERR11178296	38,386,940	37,603,277	31,092,926	35207_2432	ERR11178385	40,013,153	36,421,944	30,118,014	78,400,093	61,210,940	78.08
X Eggs R5	Mix	Intramamalian	5837STDY9141999	NT1631283W	ERS4985656	AAGACCGT	GTCGATTG	35101_2441	ERR11178304	33,520,934	33,370,638	27,676,614	35207_2441	ERR11178394	34,292,942	32,800,293	27,223,668	67,813,876	54,900,282	80.96
X Miracidia R1	Mix	Free-living, water	5837STDY9142000	NT1631284A	ERS4985658	GATGCTCA	ATAACGTC	35101_2450	ERR11178313	11,810,920	11,081,039	9,238,789	35207_2450	ERR11178403	12,515,180	10,607,443	8,857,137	24,326,100	18,095,926	74.39
X Miracidia R2	Mix	Free-living, water	5837STDY9142001	NT1631285B	ERS4985660	TAGGAGCT	CGCTTAA	35101_2459	ERR11178322	91,165,702	89,868,791	77,502,575	35207_2459	ERR11178412	92,175,872	89,282,000	77,003,851	183,341,574	154,506,426	84.27
X Miracidia R3	Mix	Free-living, water	5837STDY9142002	NT1631286C	ERS4985661	TACTCCAG	GCTATAGG	35101_2467	ERR11178330	25,106,884	12,022,876	9,367,104	35207_2467	ERR11178420	28,922,717	11,428,849	8,972,765	54,029,601	18,339,869	33.94
X Miracidia R4	Mix	Free-living, water	5837STDY9142003	NT1631287D	ERS4985664	AGTAGCCT	TCTAGGAG	35101_245	ERR11178268	31,286,811	31,008,863	26,656,759	35207_245	ERR11178358	32,146,173	30,361,820	26,117,974	63,432,984	52,774,733	83.20
X Miracidia R5	Mix	Free-living, water	5837STDY9142004	NT1631288E	ERS4985665	AGCCTATC	TGCGTAA	35101_2415	ERR11178278	36,697,581	36,876,449	31,613,336	35207_2415	ERR11178368	38,496,384	35,399,825	30,362,483	75,193,965	61,975,819	82.42
X 1d Sporocysts R1	Mix	in vitro	5837STDY9142005	NT1631289F	ERS4985668	TCTCTCCC	CTTGCTAG	35101_2425	ERR11178288	32,277,487	31,838,943	26,172,977	35207_2425	ERR11178378	33,963,863	30,541,659	25,135,832	66,241,710	51,308,809	77.46
X 1d Sporocysts R2	Mix	in vitro	5837STDY9142006	NT1631290V	ERS4985670	CCGATATC	AGCGAGAT	35101_2434	ERR11178297	35,892,793	35,677,673	29,621,370	35207_2434	ERR11178387	37,594,051	34,325,361	28,519,219	73,486,844	58,140,589	79.12
X 1d Sporocysts R3	Mix	in vitro	5837STDY9142007	NT1631291W	ERS4985672	TTGCGAGA	TATGGCAC	35101_2443	ERR11178306	35,017,895	35,134,512	28,942,807	35207_2443	ERR11178396	36,817,188	33,654,597	27,742,076	71,835,083	56,684,883	78.91
X 1d Sporocysts R4	Mix	in vitro	5837STDY9142008	NT1631292A	ERS4985674	GAACTGAC	GAATCACC	35101_2452	ERR11178315	29,641,288	29,545,049	24,067,975	35207_2452	ERR11178405	30,864,285	28,558,053	23,275,383	60,505,573	47,343,358	78.25
X 1d Sporocysts R5	Mix	in vitro	5837STDY9142009	NT1631293B	ERS4985676	GGAATTGC	GTAAGGTG	35101_241	ERR11178264	30,832,268	31,868,421	26,041,582	35207_241	ERR11178354	33,177,814	29,848,971	24,422,313	64,010,082	50,463,895	78.84
X 5d Sporocysts R1	Mix	in vitro	5837STDY9142010	NT1631294C	ERS4985677	GGAAGAGA	CGAGAGA	35101_2469	ERR11178332	27,466,726	27,362,950	22,761,139	35207_2469	ERR11178422	28,178,124	26,804,403	22,302,697	55,644,850	45,063,836	80.98
X 5d Sporocysts R2	Mix	in vitro	5837STDY9142011	NT1631295D	ERS4985679	TGCGATTG	CGCAACTA	35101_247	ERR11178270	28,967,618	27,007,667	22,216,700	35207_247	ERR11178360	30,375,494	26,234,530	21,609,581	59,343,112	43,826,281	73.85
X 5d Sporocysts R3	Mix	in vitro	5837STDY9142012	NT1631296E	ERS4985680	CTGTACCA	CACAGACT	35101_2417	ERR11178280	35,109,519	33,827,742	28,333,428	35207_2417	ERR11178370	35,920,899	33,385,587	27,971,592	71,030,418	56,305,020	79.27
X 5d Sporocysts R4	Mix	in vitro	5837STDY9142013	NT1631297F	ERS4985683	GAGATGAT	TGGAAGCA	35101_2427	ERR11178290	36,963,589	36,157,533	30,869,844	35207_2427	ERR11178380	38,214,917	35,270,776	30,123,650	75,178,506	60,993,494	81.13
X 5d Sporocysts R5	Mix	in vitro	5837STDY9142014	NT1631298G	ERS4985685	TCTACGCA	CAATGACC	35101_2436	ERR11178299	37,279,602	36,223,301	30,582,388	35207_2436	ERR11178389	37,972,790	35,830,165	30,252,589	75,252,392	60,834,977	80.84
F 32d Sporocysts R1	Female	Intramolluscan	5837STDY9142015	NT1631299H	ERS4985687	GCAATTCG	CTCGAACA	35101_2445	ERR11178308	19,916,240	19,860,827	4,503,158	35207_2445	ERR11178398	20,647,759	19,277,995	4,383,669	40,563,999	8,886,827	21.91
F 32d Sporocysts R2	Female	Intramolluscan	5837STDY9142016	NT1631300H	ERS4985689	CTCAGAAG	GCGCAATG	35101_2454	ERR11178317	23,616,338	23,535,954	6,501,038	35207_2454	ERR11178407	24,220,564	23,050,267	6,385,220	47,836,902	12,886,258	26.94
F 32d Sporocysts R3	Female	Intramolluscan	5837STDY9142017	NT1631301H	ERS4985691	GTCCTAAG	AGCATCTA	35101_2462	ERR11178325	32,154,542	31,690,547	8,172,841	35207_2462	ERR11178415	33,641,955	30,572,065	7,905,397	65,796,497	16,078,238	24.44
F 32d Sporocysts R4	Female	Intramolluscan	5837STDY9142018	NT1631302J	ERS4985693	CGGTGATA	CAGTATAC	35101_2471	ERR11178334	29,669,554	27,851,289	7,442,478	35207_2471	ERR11178424	31,162,150	27,008,423	7,238,358	60,831,704	14,680,836	24.13
F 32d Sporocysts R5	Female	Intramolluscan	5837STDY9142019	NT1631303J	ERS4985695	CAAGTGAT	CGTATCAT	35101_2479	ERR11178272	25,041,123	24,578,344	8,193,221	35207_2479	ERR11178362	25,491,812	24,299,568	8,119,470	50,532,935	16,312,691	32.28
M 32d Sporocysts R1	Male	Intramolluscan	5837STDY9142020	NT1631304K	ERS4985697	AGACCTTG	TACTGCTG	35101_2419	ERR11178282	20,507,747	21,046,824	5,627,026	35207_2419	ERR11178372	21,459,171	20,172,481	5,416,731	41,966,918	11,043,757	26.32
M 32d Sporocysts R2	Male	Intramolluscan	5837STDY9142021	NT1631305L	ERS4985699	GTCGTTAC	AGCTAAGC	35101_2429	ERR11178292	33,594,820	31,819,567	8,954,939	35207_2429	ERR11178382	35,115,864	30,912,846	8,705,919	68,710,684	17,660,858	25.70
M 32d Sporocysts R3	Male	Intramolluscan	5837STDY9142022	NT1631306M	ERS4985701	GTAACCGA	AGACACCA	35101_2438	ERR11178301	24,052,782	24,774,896	6,701,453	35207_2438	ERR11178391	25,144,038	23,743,243	6,346,225	49,196,820	13,137,678	26.70
M 32d Sporocysts R4	Male	Intramolluscan	5837STDY9142023	NT1631307N	ERS4985704	GAACTCGT	CAACTCCA	35101_2447	ERR11178310	52,577,317	52,982,669	9,133,060	35207_2447	ERR11178400	53,752,992	51,944,602	8,963,302	106,330,309	18,096,362	17.02
M 32d Sporocysts R5	Male	Intramolluscan	5837STDY9142024	NT1631308O	ERS4985705	CATGAGCA	GATCTTCG	35101_2456	ERR11178319	33,075,456	32,849,017	11,294,032	35207_2456	ERR11178409	34,384,073	31,799,664	10,955,823	67,459,529	22,249,855	32.98
X 32d Sporocysts R1	Mix	Intramolluscan	5837STDY9142025	NT1631309P	ERS4985707	TCTAGGAC	CTTCACGT	35101_2464	ERR11178327	52,413,949	53,349,468	17,985,300	35207_2464	ERR11178417	54,246,010	51,686,663	17,438,802	106,659,959	35,424,102	33.21
X 32d Sporocysts R2	Mix	Intramolluscan	5837STDY9142026	NT1631310I	ERS4985708	ATCTGACC	CTCGACTG	35101_2473	ERR11178336	27,571,604	27,328,402	10,035,045	35207_2473	ERR11178426	28,284,142	26,780,391	9,855,024	55,855,746	19,890,069	35.61
X 32d Sporocysts R3	Mix	Intramolluscan	5837STDY9142027	NT1631311J	ERS4985711	TCTCTATG	GTCACACT	35101_2478	ERR11178341	21,105,095	20,382,083	5,522,652	35207_2478	ERR11178431	22,167,144	19,649,735	5,330,092	43,272,239	10,852,744	25.08
X 32d Sporocysts R4	Mix	Intramolluscan	5837STDY9142028	NT1631312K	ERS4985713	AGGATAGC	CCAAGGTG	35101_2482	ERR11178345	19,987,672	21,643,912	6,507,569	35207_2482	ERR11178435	20,797,374	20,685,494	6,228,954	40,785,046	12,736,523	31.23
X 32d Sporocysts R5	Mix	Intramolluscan	5837STDY9142029	NT1631313L	ERS4985715	GAGGAGAT	GACCGGTT	35101_2479	ERR11178342	12,935,454	13,175,297	5,007,826	35207_2479	ERR11178432	13,397,086	12,756,662	4,845,642	26,332,540	9,853,468	37.42
F Cercariae R1	Female	Free-living, water	5837STDY9142030	NT1631314M	ERS4985717	GAGCTCAT	CGAGTTGA	35101_2480	ERR11178343	15,787,887	14,160,908	12,052,642	35207_2480	ERR11178433	16,220,056	14,087,751	12,016,455	32,007,943	24,069,097	