

Isolate	Case number	Infection type	Molecular type	Nucleotides aligned	Alignment depth (X)	Reference	SNPs	Breadth of coverage (%)	NCBI BioProject	SRA Accessions
RSA-MW-36 RSA-MW-3335	1	I (incident) R (relapse)	VNI	5,422,910,772 4,758,717,153	295 259	18,450,491 18,350,204	52,541 52,736	98.03 97.50	PRJNA227958 PRJNA227967	SRX400016, SRX400017, SRX400018 SRX399998, SRX399999, SRX400000
RSA-MW-1340 RSA-MW-3393	8	I R	VNI	5,175,988,409 4,470,267,773	282 243	18,411,641 18,396,219	54,488 54,372	97.84 97.75	PRJNA227966 PRJNA227944	SRX399959, SRX399960, SRX399961 SRX400001, SRX400002, SRX400003
RSA-MW-2799 RSA-MW-5913	14	I R	VNI	5,432,310,345 5,690,670,078	296 310	18,539,245 18,539,360	11,654 11,693	98.29 98.29	PRJNA227950 PRJNA227941	SRX399980, SRX399981, SRX399982 SRX400040, SRX400041, SRX400042
RSA-MW-506 RSA-MW-3877 RSA-MW-5465	15	I R R2	VNI	4,967,765,848 4,988,198,903 5,437,689,397	271 272 296	18,424,741 18,419,855 18,417,762	51,139 51,155 51,186	97.89 97.86 97.85	PRJNA227936 PRJNA227937 PRJNA227935	SRX400034, SRX400035, SRX400036 SRX400022, SRX400023, SRX400024 SRX400037, SRX400038, SRX400039
RSA-MW-1485 RSA-MW-4085	22	I R	VNI	4,740,946,087 5,043,788,563	258 275	18,528,128 18,526,862	14,783 14,820	98.24 98.24	PRJNA227943 PRJNA227946	SRX399962, SRX399963, SRX399964 SRX400028, SRX400029, SRX400030
RSA-MW-628 RSA-MW-2914	76	I R	VNI	4,797,747,409 5,094,256,189	261 277	18,415,832 18,429,929	39,118 39,233	97.78 97.85	PRJNA227948 PRJNA227955	SRX400043, SRX400044, SRX400045 SRX399983, SRX399984, SRX399985
RSA-MW-2163 RSA-MW-3747	82	I R	VNI	4,937,639,484 4,235,388,612	269 231	18,410,076 18,403,239	39,078 39,006	97.75 97.71	PRJNA227960 PRJNA227959	SRX399971, SRX399972, SRX399973 SRX400019, SRX400020, SRX400021
RSA-MW-2015 RSA-MW-3474	87	I R	VNI	4,722,550,830 5,168,626,635	257 282	18,370,405 18,374,009	54,768 54,959	97.62 97.64	PRJNA227949 PRJNA227942	SRX399968, SRX399969, SRX399970 SRX400007, SRX400008, SRX400009
RSA-MW-1186 RSA-MW-3179	7	I R	VNB	4,491,765,623 5,181,752,991	245 282	18,092,074 18,125,982	235,352 235,797	97.10 97.28	PRJNA227951 PRJNA227953	SRX399950, SRX399951, SRX399952 SRX399992, SRX399993, SRX399994
RSA-MW-913 RSA-MW-2967	81	I R	VNB	5,123,244,324 4,611,224,643	279 251	18,117,980 18,090,896	236,645 236,434	97.25 97.10	PRJNA227965 PRJNA227940	SRX400049, SRX400050, SRX400051 SRX399986, SRX399987, SRX399988
RSA-MW-1052 RSA-MW-3156	5	I R	VNII	4,348,532,294 5,562,123,581	237 303	17,961,197 17,928,688	308,964 309,713	96.80 96.63	PRJNA227957 PRJNA227968	SRX399947, SRX399948, SRX399949 SRX399989, SRX399990, SRX399991
RSA-MW-1746 RSA-MW-3615	9	I R	VNII	4,905,163,227 5,079,808,018	267 277	17,910,897 17,908,192	309,346 308,890	96.53 96.52	PRJNA227952 PRJNA227956	SRX399965, SRX399966, SRX399967 SRX400013, SRX400014, SRX400015
RSA-MW-1281 RSA-MW-2645	45	I R	VNII	4,858,973,140 4,722,605,905	265 257	17,923,044 17,881,974	309,275 309,478	96.60 96.38	PRJNA227934 PRJNA227938	SRX399953, SRX399954, SRX399955 SRX399977, SRX399979, SRX399978

RSA-MW-852	77	I	VNII	5,217,900,956	284	17,845,728	299,879	96.14	PRJNA227969	SRX400046, SRX400047, SRX400048
RSA-MW-3316		R		4,082,792,428	222	17,825,704	299,410	96.03	PRJNA227954	SRX399995, SRX399996, SRX399997
RSA-MW-4119		R2		4,515,558,291	246	17,812,253	299,570	95.96	PRJNA227970	SRX400031, SRX400032, SRX400033
RSA-MW-2364	90	I	VNII	4,348,495,577	237	17,894,615	310,140	96.45	PRJNA227963	SRX399974, SRX399975, SRX399976
RSA-MW-3580		R		4,220,206,100	230	18,036,870	309,092	97.20	PRJNA227945	SRX400010, SRX400011, SRX400012
RSA-MW-2399	91	I	VGI	5,261,555,004	287	17,539,532	93,583	96.05	PRJNA227975	SRX399921, SRX399922, SRX399923
RSA-MW-4243		R		4,795,769,163	261	17,506,719	93,147	95.87	PRJNA227972	SRX399927, SRX399928, SRX399929
RSA-MW-500	31	I	VGIV	5,020,480,326	286	17,475,187	39,749	99.72	PRJNA227973	SRX399930, SRX399931, SRX399932
RSA-MW-2343		R		5,360,211,299	305	17,476,403	39,755	99.73	PRJNA227976	SRX399918, SRX399919, SRX399920
RSA-MW-3980	67	I	VGIV	4,798,123,069	273	17,434,470	52,195	99.56	PRJNA227974	SRX399924, SRX399925, SRX399926
RSA-MW-6610		R		4,177,222,034	238	17,430,511	52,112	99.54	PRJNA227971	SRX399933, SRX399934, SRX399935