

Isolate ID	References	Region	River	Site	Date collected	Summer season	Species	Pooling	Age	Size mm	Mortality	Viral load	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Variant	Protein
1	2, 3, 9	NSW	GR	Site A	24-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	96%	3.22E+06	G7	NA	NA	G11	NA	G37	NA	NA
2	2, 3, 9	NSW	GR	Site A	24-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	96%	3.07E+06	G7	NA	G10	G11	NA	G37	NA	NA
3	2, 3, 9	NSW	GR	Site A	24-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	96%	4.34E+06	G7	NA	G10	G11	NA	G37	NA	NA
4	2, 3, 9	NSW	GR	Site A	24-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	96%	1.71E+06	G7	G9	G10	G11	NA	G37	V8	ADH
5	2, 3, 9	NSW	GR	Site A	24-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	96%	3.99E+06	G7	NA	G10	G11	NA	G37	NA	NA
6	2, 3, 9	NSW	GR	Site B	10-Feb-12	2011-2012	C gigas	Pool of 5	5.5 mth	28	93%	1.10E+05	G7	NA	G10	G20	NA	G37	NA	NA
7	2, 3, 9	NSW	GR	Site B	10-Feb-12	2011-2012	C gigas	Pool of 5	5.5 mth	28	93%	1.00E+05	G7	NA	G10	G20	NA	G37	NA	NA
8	2, 3, 9	NSW	GR	Site B	10-Feb-12	2011-2012	C gigas	Pool of 5	5.5 mth	28	93%	7.77E+04	G7	NA	G10	G20	NA	G37	NA	NA
9	2, 3, 9	NSW	GR	Site B	10-Feb-12	2011-2012	C gigas	Pool of 5	5.5 mth	28	93%	2.18E+05	G7	G9	G10	G20	NA	G37	V3	ADH
10	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	46%	2.32E+05	G4	NA	G10	G12	NA	G37	NA	NA
11	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	46%	2.15E+05	G4	NA	G10	G12	NA	G37	NA	NA
12	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	46%	2.85E+05	NA	NA	NA	G12	NA	G37	NA	NA
13	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	46%	1.70E+05	G4	G9	G10	G12	NA	G37	V9	ADH
14	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	46%	4.69E+05	G4	G9	G10	G12	NA	G37	V9	ADH
15	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	99%	5.42E+05	G4	NA	G10	G18	NA	NA	NA	NA
16	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	99%	4.72E+05	G4	NA	G10	G18	NA	G35	NA	NA
18	9	NSW	GR	Site A	07-Nov-12	2012-2013	C gigas	Individual	9.5 mth	50		6.89E+04	NA	G9	G10	NA	NA	NA	NA	NA
19	9	NSW	GR	Site A	07-Nov-12	2012-2013	C gigas	Individual	9.5 mth	50	Dead-group mortality 5%	6.89E+04	G7	G9	G10	G21	G34	G37	V4	ADH
20	9	NSW	GR	Site A	07-Nov-12	2012-2013	C gigas	Individual	9.5 mth	50	Dead-group mortality 5%	6.89E+04	NA	G9	G10	NA	NA	NA	NA	NA
22	9	NSW	GR	Site A	07-Nov-12	2012-2013	C gigas	Individual	9.5 mth	50	Dead-group mortality 5%	6.89E+04	G7	G9	G10	G21	NA	G37	NA	NA
23	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	99%	2.97E+05	NA	NA	G10	NA	NA	G37	NA	NA
24	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	99%	1.51E+05	G4	NA	G10	G19	NA	G37	NA	NA
25	2, 3, 9	NSW	GR	Site C	16-Nov-11	2011-2012	C gigas	Pool of 5	5.5 mth	28	99%	2.03E+05	G4	NA	NA	G18	NA	G37	NA	NA
26	9	NSW	GR	Site B	28-Nov-12	2012-2013	C gigas	Pool of 5	9.5 mth	50	27%	6.14E+05	G7	G9	G10	G29	NA	G37	V5	ADH
27	9	NSW	GR	Site C	13-Nov-12	2012-2013	C gigas	Pool of 5	9.5 mth	50	4%	9.32E+03	NA	G9	G10	G21	NA	G37	NA	NA
28	9	NSW	GR	Site A	11-Apr-13	2012-2013	C gigas	Pool of 5	9.5 mth	50	43%	7.62E+03	G7	NA	G10	NA	NA	G37	NA	NA
29	9	NSW	GR	Site B	15-Mar-13	2012-2013	C gigas	Pool of 5	9.5 mth	50	11%	3.79E+04	G2	NA	G10	NA	NA	NA	NA	NA
30	9	NSW	GR	Site C	15-Mar-13	2012-2013	C gigas	Pool of 5	9.5 mth	50	60%	3.18E+04	G2	G9	G10	G22	NA	NA	NA	NA
31	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	6.88E+05	G7	G8	G10	G11	G31	G36	V1	ACH
32	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	1.12E+06	G7	G8	G10	G11	G31	G36	V1	ACH
33	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	3.34E+05	G7	G8	G10	G11	G31	G36	V1	ACH
34	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	3.34E+05	G7	G8	G10	G11	NA	G36	V1	ACH
35	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	4.45E+05	NA	G8	G10	G11	G31	G36	NA	NA
36	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	4.45E+05	G7	G8	G10	G11	NA	G36	V1	ACH
37	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	2.11E+05	G7	G8	G10	G11	G31	G36	V1	ACH
38	1	NSW	HWY	Mullet Creek	21-Jan-13	2012-2013	C gigas	Pool of 5	Spat	10-20 mm	50%	2.11E+05	G7	G8	G10	G11	G31	G36	V1	ACH
39	1	NSW	HWY	Porto Bay	15-Feb-13	2012-2013	C gigas	Pool of 5	Spat	30-90 mm	60-90%	4.19E+04	G7	G8	G10	G11	G31	G36	V1	ACH
40	1	NSW	HWY	Porto Bay	15-Feb-13	2012-2013	C gigas	Pool of 5	Spat	30-90 mm	60-90%	4.35E+04	G7	G8	G10	G11	G31	G36	V1	ACH
41	1	NSW	HWY	Coba Bay	29-Jan-13	2012-2013	C gigas	Pool of 3	NA	50-70mm	Yes	3.39E+05	G7	G8	G10	G11	G31	G36	V1	ACH
42	7	NSW	HWY	Kimmerkong Bay	31-Dec-13	2013-2014	C gigas	Pool of 7-11	Spat	6.8	80%	1.42E+04	G7	G8	G10	G11	G31	G36	V1	ACH
43	7	NSW	HWY	Kimmerkong Bay	31-Dec-13	2013-2014	C gigas	Pool of 7-11	Spat	6.8	80%	1.65E+04	G7	G8	G10	G11	G31	G36	V1	ACH
44	7	NSW	HWY	Kimmerkong Bay	31-Dec-13	2013-2014	C gigas	Pool of 7-11	Spat	6.8	80%	7.95E+04	G7	G8	G10	G11	G31	G36	V1	ACH
45	7	NSW	HWY	Kimmerkong Bay	31-Dec-13	2013-2014	C gigas	Pool of 7-11	Spat	6.8	80%	2.02E+04	G7	NA	G10	G11	NA	G36	NA	NA
46	7	NSW	HWY	Kimmerkong Bay	31-Dec-13	2013-2014	C gigas	Pool of 7-11	Spat	6.8	80%	3.68E+03	G7	G8	G10	G11	G31	G37	V6	ACH
47	7	NSW	GR	Site A	14-Jan-14	2013-2014	C gigas	Pool of 5	Spat	12.2	85%	1.74E+04	G7	G9	NA	G11	G32	G36	NA	NA
48	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	100%	4.00E+05	G7	G8	G10	G11	G31	G36	V1	ACH
49	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	100%	5.87E+05	G7	G8	G10	G11	G31	G36	V1	ACH
50	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	100%	5.58E+05	G7	G8	G10	G11	G31	G36	V1	ACH
51	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	100%	9.75E+05	G7	G8	G10	G11	G31	G36	V1	ACH
52	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	100%	1.30E+06	G7	G8	G10	G11	G31	G36	V1	ACH
53	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	13	100%	4.59E+05	G7	G8	G10	G11	G31	G36	V1	ACH
54	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	13	100%	2.52E+05	G7	G8	G10	G11	G31	G36	V1	ACH
55	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	13	100%	1.87E+05	G7	G8	G10	G11	G31	G36	V1	ACH
56	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	13	100%	2.18E+05	G7	G8	G10	G11	G31	G36	V1	ACH
57	8	NSW	HWY	Mooney Mooney	25-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	13	100%	4.83E+05	G7	G8	G10	G11	G31	G37	V6	ACH
65	7	NSW	GR	The Shed	28-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	95%	1.47E+04	G7	G9	G10	G13	NA	G37	V7	ADH
66	7	NSW	GR	The Shed	28-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	95%	6.93E+03	G7	G9	G10	G13	NA	G37	V7	ADH
67	7	NSW	GR	The Shed	28-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	95%	2.44E+04	G7	G9	G10	G13	NA	G37	V7	ADH
68	7	NSW	GR	The Shed	28-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	95%	1.22E+04	G7	G9	G10	G13	NA	G37	V7	ADH
69	7	NSW	GR	The Shed	28-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	12	95%	5.62E+04	G7	G9	G10	G13	NA	G37	V7	ADH
70	10	NSW	GR	Site C	25-Feb-14	2013-2014	C gigas	Individual	14 mth	49		4.08E+05	G1	G9	G10	G11	NA	G37	V2	ADH
71	10	NSW	GR	Site C	25-Feb-14	2013-2014	C gigas	Pool of 3	8 mth	37		1.49E+05	G1	G9	G10	G11	NA	G37	V2	ADH
72	10	NSW	GR	Site C	25-Feb-14	2013-2014	C gigas	Pool of 3	8 mth	37		3.80E+05	G1	G9	G10	NA	NA	G37	NA	NA
73	10	NSW	GR	Site C	25-Feb-14	2013-2014	C gigas	Pool of 3	14 mth	49		2.85E+05	G1	G9	G10	G11	NA	G37	V2	ADH
74	7,8	NSW	HWY	Mooney Mooney	18-Nov-14	2014-2015	C gigas	Pool of 5	Spat	5	100%	1.24E+05	G7	G8	G10	G11	NA	G36	V1	ACH
75	7,8	NSW	HWY	Mooney Mooney	18-Nov-14	2014-2015	C gigas	Pool of 5	Spat	5	100%	8.13E+05	G7	G8	G10	G11	NA	G36	V1	ACH
76	7,8	NSW	HWY	Mooney Mooney	18-Nov-14	2014-2015	C gigas	Pool of 5	Spat	5	100%	2.20E+05	G7	G8	G10	G11	NA	G36	V1	ACH
77	7,8	NSW	HWY	Mooney Mooney	18-Nov-14	2014-2015	C gigas	Pool of 5	Spat	5	100%	4.89E+05	G7	G8	G10	G11	NA	G36	V1	ACH
78	7,8	NSW	HWY	Mooney Mooney	18-Nov-14	2014-2015	C gigas	Pool of 5	Spat	5	100%	5.01E+05	G7	G8	G10	G11	NA	G36	V1	ACH

Isolate ID	References	Region	River	Site	Date collected	Summer season	Species	Pooling	Age	Size mm	Mortality	Viral load	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Variant	Protein
79	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	17 mth	64	Dead-group mortality 21%	5.10E+05	G7	G9	G10	G11	NA	G37	V8	ADH
80	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	17 mth	64	Dead-group mortality 21%	6.96E+05	G7	G9	G10	G11	NA	G37	V8	ADH
81	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	17 mth	64	Dead-group mortality 21%	5.06E+05	G7	G9	G10	G11	NA	G37	V8	ADH
82	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	17 mth	64	Dead-group mortality 21%	3.76E+05	G7	G9	G10	G11	NA	G37	V8	ADH
83	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	8 mth	23	Dead-group mortality 93%	2.32E+06	G7	NA	G10	G11	NA	G37	NA	NA
84	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	8 mth	28	Dead-group mortality 93%	4.29E+05	G7	G9	G10	G11	NA	G37	V8	ADH
85	10	NSW	GR	Site C	27-Jan-15	2014-2015	C gigas	Individual	8 mth	27	Dead-group mortality 93%	2.36E+05	G7	G9	G10	G11	NA	G37	V8	ADH
98	7	NSW	GR	The Shed	04-Nov-13	2013-2014	C gigas	Pool of 5-8	Spat	7	100%	1.39E+05	NA	NA	G10	G23	G34	NA	NA	NA
99	7	NSW	GR	The Shed	11-Dec-13	2013-2014	C gigas	Pool of 8	Spat	7.5	50-95%	2.45E+04	NA	NA	G10	G23	G34	NA	NA	NA
100	7	NSW	GR	The Shed	18-Dec-13	2013-2014	C gigas	Pool of 8	Spat	7.5	70-90%	1.50E+05	NA	NA	G10	G24	G33	NA	NA	NA
101	7	NSW	GR	Limekiln Bar	28-Jan-14	2013-2014	C gigas	Pool of 5-6	Spat	14	100%	2.25E+01	NA	NA	G10	NA	NA	NA	NA	NA
102	7	NSW	GR	Neverfail Bay	16-Dec-14	2014-2015	C gigas	Individual	Spat	40	Dead-group mortality 50%	6.40E+06	G7	G9	G10	G14	NA	G37	V10	ADH
103	7	NSW	GR	Neverfail Bay	16-Dec-14	2014-2015	C gigas	Individual	Spat	40	Dead-group mortality 5%	3.95E+06	G7	G9	G10	G14	NA	G37	V10	ADH
104	10	NSW	GR	Site B	27-Jan-15	2014-2015	C gigas	Individual	8 mth	24	Dead-group mortality 100%	1.03E+06	G7	G9	G10	G15	NA	G37	V11	ADH
105	10	NSW	GR	Site B	27-Jan-15	2014-2015	C gigas	Individual	8 mth	24	Dead-group mortality 100%	1.42E+06	G7	G9	G10	G17	NA	G37	V12	ADH
106	10	NSW	GR	Site B	24-Feb-15	2014-2015	C gigas	Individual	17 mth	73	Dead-group mortality 48%	6.41E+03	G7	G9	G10	G11	G34	G37	V8	ADH
107	10	NSW	GR	Site B	24-Feb-15	2014-2015	C gigas	Individual	17 mth	56	Dead-group mortality 48%	2.40E+05	NA	G9	G10	G15	G34	G37	NA	NA
108	7	NSW	GR	Site C	09-Nov-15	2015-2016	C gigas	Pool of 7	Spat	5.3	80%	2.74E+04	G7	G9	G10	G11	G34	G37	V8	ADH
109	7	NSW	GR	Site C	09-Nov-15	2015-2016	C gigas	Pool of 7	Spat	5.4	30%	9.70E+03	G7	G9	G10	G11	G34	G37	V8	ADH
110	7 ("other trials")	NSW	HWY	Porto Bay	28-Nov-14	2014-2015	C gigas	Individual	1 yr	80-110	Dead-group mortality up to 70%	2.60E+05	G7	G8	G10	G11	G31	G36	V1	ACH
111	7 ("other trials")	NSW	HWY	Porto Bay	28-Nov-14	2014-2015	C gigas	Individual	1 yr	80-110	Dead-group mortality up to 70%	2.62E+05	G7	G8	G10	G11	G31	G36	V1	ACH
112	7	NSW	HWY	Porto Bay	28-Nov-14	2014-2015	C gigas	Pool of 3	Spat	29	100%	6.73E+05	G7	G8	G10	G11	G31	G36	V1	ACH
113	7	NSW	HWY	Porto Bay	28-Nov-14	2014-2015	C gigas	Pool of 3	Spat	17	100%	8.12E+05	G7	G8	G10	G11	G31	G36	V1	ACH
114	7	NSW	HWY	Mullet Creek	26-Oct-15	2015-2016	C gigas	Pool of 7	Spat	10.3	100%	2.96E+05	G7	G8	G10	G11	G31	G36	V1	ACH
115	7	NSW	HWY	Mullet Creek	26-Oct-15	2015-2016	C gigas	Pool of 7	Spat	9.9	100%	1.71E+05	NA	G8	G10	G11	G31	G36	NA	NA
118	11	TAS	TAS	Pitt Water	02-Feb-16	2015-2016	C gigas	Individual	Spat	80	Dead-mortality at Site 50%	1.83E+06	G6	G9	G10	NA	NA	G37	NA	NA
119	11	TAS	TAS	Pitt Water	02-Feb-16	2015-2016	C gigas	Individual	Spat	90	Dead-mortality at Site 50%	1.39E+06	NA	G9	G10	NA	G34	G37	NA	NA
120	7	NSW	HWY	Coba Bay	08-Dec-15	2015-2016	C gigas	Pool of 7	Spat	6.5	20%	8.74E+04	G7	G9	G10	NA	NA	G37	NA	NA
123	7	NSW	GR	Site A	01-Feb-16	2015-2016	C gigas	Pool of 5	Spat	18.5	50%	6.26E+04	G7	G9	G10	NA	G34	G37	NA	NA
124	7	NSW	GR	Site A	01-Feb-16	2015-2016	C gigas	Pool of 5	Spat	14	50%	2.40E+05	G7	G9	G10	NA	G34	G37	NA	NA
125	7	NSW	GR	Sylvania Waters	09-Feb-16	2015-2016	C gigas	Pool of 5	Spat	9.5	50%	5.82E+03	G7	G9	G10	NA	G34	G37	NA	NA