

父牛略号	メス頭数	オス頭数	メス比率
200H5024	357	441	44.7
JP3H53370X	352	18	95.1
529H11993	280	23	92.4
HG9973689	170	15	91.9
29H10483	163	203	44.5
JP3H53307	158	206	43.4
ETH3	157	118	57.1
511H7965	146	7	95.4
JP5H53747	133	167	44.3
HG972492	133	183	42.1
HK171	128	162	44.1
7H8190	124	92	57.4
614H5016	120	13	90.2
HG9974794	119	9	93.0
29H11897	117	170	40.8
511H8516	103	10	91.2
ETB1	103	135	43.3
JP3H52982X	100	4	96.2
JP3H53632	99	77	56.3
HG975683	93	118	44.1
29H11658	90	65	58.1
29H13239	88	127	40.9
29H11857	79	124	38.9
11H7965	71	54	56.8
PK640	67	54	55.4
HG973737	67	85	44.1
551H5709	63	4	94.0
94H10276	63	47	57.3
HK139	63	50	55.8
80H317	63	79	44.4
200H5351	62	94	39.7
HG9974210	60	1	98.4
JP3H53507X	59	2	96.7
200H1830	59	77	43.4
JP3H53065	58	45	56.3
594H863	57	4	93.4
7H9165	56	77	42.1
29H13110	55	78	41.4
JP5H53241SX	51	1	98.1
JP3H53364X	50	3	94.3
14H4924	49	60	45.0
HG9973318	48	3	94.1
7H10506	48	38	55.8
ETH2	48	38	55.8
HK170	48	72	40.0
HK160	45	56	44.6
29JE3506	43	4	91.5
1H7235	43	33	56.6
7H7872	39	25	60.9
TW12	39	56	41.1
7H8175	38	26	59.4
JP5H52930SX	36	2	94.7
529H13363	36	9	80.0
7H9222	36	58	38.3
200H5049	31	25	55.4
HK189	30	22	57.7
507H8190	29	1	96.7
200H5565	29	63	31.5

父牛略号	メス頭数	オス頭数	メス比率
JP3H53120	28	19	59.6
777H5562	26	1	96.3
7H9420	26	18	59.1
JP3H53959	26	32	44.8
29H13494	26	33	44.1
511H8605	25	2	92.6
JP3H53008X	24	1	96.0
29H13426	24	32	42.9
HG979514	24	34	41.4
MCK2	23	14	62.2
200H5575	23	32	41.8
JP3H53655X	22		100.0
55207	22	11	66.7
TJ5	22	13	62.9
29J3314	22	17	56.4
200H5577	22	27	44.9
JP5H53806	22	47	31.9
55178	21	10	67.7
1H8910	21	29	42.0
ETB2	21	37	36.2
54717	20	8	71.4
55016	20	11	64.5
14H4766	20	13	60.6
55009	20	28	41.7
200H5250	20	36	35.7
55012	19	12	61.3
JP3H53584X	18	1	94.7
507H7762	18	3	85.7
54989	18	13	58.1
55074	18	14	56.3
55164	18	14	56.3
54826	18	25	41.9
200H5340	18	29	38.3
JP3H53388X	17		100.0
511H8634	17	1	94.4
529H11509	17	6	73.9
55244	17	7	70.8
54936	17	11	60.7
55180	17	12	58.6
94H871	17	12	58.6
29H13245	17	21	44.7
55197	17	23	42.5
507H8477	16	1	94.1
JP3H53476X	16	3	84.2
200H4779	16	9	64.0
KT3	16	10	61.5
55523	16	11	59.3
55079	16	12	57.1
JP5H53090	16	12	57.1
54905	16	13	55.2
ETF3	16	24	40.0
200H0393	16	25	39.0
55111	16	26	38.1
29H11943	16	29	35.6
JP4H53815X	15	1	93.8
JP4H51826	15	11	57.7
54928	15	12	55.6
55037	15	19	44.1

父牛略号	メス頭数	オス頭数	メス比率
55135	15	21	41.7
54849	15	23	39.5
JP3H53596	15	28	34.9
JP4H53243	14	3	82.4
54924	14	8	63.6
55299	14	10	58.3
NZH103505	14	10	58.3
7H8743	14	11	56.0
55083	14	18	43.8
55512	14	18	43.8
54919	14	19	42.4
55047	14	20	41.2
55249	14	20	41.2
55117	14	26	35.0
529H11865	13		100.0
29JE3510	13	4	76.5
55063	13	8	61.9
54912	13	9	59.1
55015	13	9	59.1
55519	13	9	59.1
55032	13	10	56.5
55247	13	10	56.5
200H3205	13	10	56.5
55045	13	16	44.8
55107	13	17	43.3
55088	13	18	41.9
55150	13	20	39.4
55508	13	21	38.2
7H7004	13	22	37.1
JP5H52850SX	12		100.0
511H8451	12	1	92.3
JP3H53306X	12	1	92.3
54788	12	15	44.4
55076	12	16	42.9
PK214	12	16	42.9
55200	12	18	40.0
HNK16	12	18	40.0
55040	12	19	38.7
54995	12	20	37.5
TW22	12	20	37.5
54982	12	21	36.4
507H7463	11	1	91.7
54943	11	5	68.8
55071	11	8	57.9
14H4511	11	8	57.9
55011	11	9	55.0
55041	11	9	55.0
55072	11	14	44.0
55536	11	14	44.0
55031	11	15	42.3
55186	11	15	42.3
55204	11	15	42.3
29H11931	11	15	42.3
HG976215	11	15	42.3
55286	11	16	40.7
55090	11	17	39.3
KT5	11	18	37.9
55165	11	19	36.7

父牛略号	メス頭数	オス頭数	メス比率
P5946	11	19	36.7
54966	11	22	33.3
54997	11	26	29.7
55091	11	27	28.9
AGK7	10	3	76.9
55287	10	6	62.5
7H8530	10	8	55.6
94H863	10	8	55.6
54897	10	13	43.5
29H10124	10	13	43.5
7H6417	10	15	40.0
55146	10	17	37.0
55182	10	17	37.0
54991	10	18	35.7
55048	10	18	35.7
HK127	10	18	35.7
54970	10	19	34.5
54899	10	20	33.3
55057	10	20	33.3
55274	10	20	33.3
55044	10	21	32.3
54932	10	33	23.3
55304	9	1	90.0
55330	9	1	90.0
529H11563	9	1	90.0
JP3H53844	9	2	81.8
54913	9	5	64.3
54972	9	7	56.3
54853	9	11	45.0
54888	9	11	45.0
55298	9	11	45.0
54927	9	12	42.9
JP3H53940	9	12	42.9
55531	9	13	40.9
7H8866	9	13	40.9
94H11486	9	13	40.9
55029	9	14	39.1
54874	9	15	37.5
55065	9	17	34.6
55018	9	19	32.1
55133	9	22	29.0
777H9211	8		100.0
GHBS1X	8		100.0
JP3H52078X	8	1	88.9
55115	8	10	44.4
55179	8	11	42.1
54850	8	12	40.0
14H5300	8	13	38.1
55035	8	14	36.4
55230	8	14	36.4
PK332	8	15	34.8
55000	8	16	33.3
55103	8	16	33.3
29H11396	8	19	29.6
529H11481	7		100.0
777H3280	7		100.0
ETS3	7		100.0
507H8350	7	2	77.8

父牛略号	メス頭数	オス頭数	メス比率
ETB4	7	2	77.8
1J552	7	4	63.6
PK656	7	4	63.6
55300	7	10	41.2
200H9211	7	10	41.2
55043	7	11	38.9
11H9142	7	11	38.9
54920	7	12	36.8
54976	7	13	35.0
55082	7	13	35.0
7H9030	7	13	35.0
PK619	7	13	35.0
55510	7	15	31.8
55226	7	21	25.0
PK446	7	27	20.6
507H8221	6		100.0
507H8227	6		100.0
529H10793	6		100.0
JP3H52276X	6		100.0
PK478	6		100.0
55689	6	2	75.0
7H8058	6	2	75.0
HNK19	6	2	75.0
1H9192	6	3	66.7
54980	6	8	42.9
11H9474	6	8	42.9
200H5156	6	8	42.9
55114	6	9	40.0
29H11614	6	9	40.0
54975	6	10	37.5
54791	6	11	35.3
54996	6	13	31.6
AG006	6	14	30.0
HG974237	6	14	30.0
ETF6	6	15	28.6
54965	6	17	26.1
507H6759	5		100.0
614H4625	5		100.0
614H5006	5		100.0
94H14158	5		100.0
ETH4	5		100.0
JP3H52254X	5		100.0
1J2029	5	1	83.3
529JE3477	5	1	83.3
SI57	5	1	83.3
11H8421	5	3	62.5
PK646	5	3	62.5
200H5179	5	4	55.6
GHBS2	5	4	55.6
55020	5	7	41.7
JP3H03479	5	8	38.5
TJ6	5	9	35.7
D672586	5	10	33.3
JP4H53815	5	10	33.3
JP3H53998	5	11	31.3
55189	4		100.0
55674	4		100.0
507H5708	4		100.0

父牛略号	メス頭数	オス頭数	メス比率
507H8165	4		100.0
507H8885	4		100.0
614B314	4		100.0
614H4438	4		100.0
614H5042	4		100.0
7J590	4		100.0
PK291	4		100.0
1J533	4	1	80.0
29B3758	4	1	80.0
29B3781	4	1	80.0
54BS374	4	1	80.0
ETB43	4	1	80.0
JP3H52323	4	1	80.0
PK191	4	1	80.0
NZH672213	4	2	66.7
29H13359	4	3	57.1
HK45	4	3	57.1
JP4H53778	4	5	44.4
IK68	4	6	40.0
KA33	4	6	40.0
55435	4	7	36.4
200H5588	4	7	36.4
JP3H52603	4	10	28.6
11H9939	3		100.0
507H8738	3		100.0
511H9930	3		100.0
529B3769	3		100.0
529B3781	3		100.0
529H10644	3		100.0
529H11955	3		100.0
594H10276	3		100.0
777H5567	3		100.0
ETJ3	3		100.0
HG9975243	3		100.0
JP3H52886X	3		100.0
JP5H53090SX	3		100.0
55248	3	1	75.0
1B553	3	1	75.0
29H10356	3	1	75.0
501H7235	3	1	75.0
501J581	3	1	75.0
529JE3510	3	1	75.0
JP3H52844X	3	1	75.0
SI92	3	1	75.0
54691	3	2	60.0
55311	3	2	60.0
1H6960	3	2	60.0
JP3H52276	3	2	60.0
55203	3	4	42.9
55251	3	4	42.9
14H5075	3	4	42.9
55132	3	5	37.5
ETF4	3	5	37.5
KS39	3	5	37.5
KT6	3	6	33.3
PK575	3	6	33.3
29H9023	3	7	30.0
200H1677	3	8	27.3

父牛略号	メス頭数	オス頭数	メス比率
80JE4001	3	8	27.3
AG007	3	8	27.3
V54917	3	9	25.0
55059	3	10	23.1
55284	3	13	18.8
54881	2		100.0
55128	2		100.0
55175	2		100.0
55359	2		100.0
55360	2		100.0
55687	2		100.0
14H4056	2		100.0
1J522	2		100.0
200H3227	2		100.0
200H4144	2		100.0
200H4456	2		100.0
204H2050	2		100.0
3H52585	2		100.0
501JE631	2		100.0
507H8081	2		100.0
507J667	2		100.0
509H2831	2		100.0
511H8421	2		100.0
529H11673	2		100.0
529H13454	2		100.0
614H5095	2		100.0
777H4779	2		100.0
777H5210	2		100.0
7H7763	2		100.0
7H8291	2		100.0
GHBS2X	2		100.0
JP3H53020	2		100.0
JP3H53844X	2		100.0
JP4H53508X	2		100.0
JP5H52428S	2		100.0
KS33	2		100.0
PK289	2		100.0
SI76	2		100.0
1	2	1	66.7
55273	2	1	66.7
55281	2	1	66.7
55407	2	1	66.7
55692	2	1	66.7
11H4272	2	1	66.7
11H6433	2	1	66.7
29H13219	2	1	66.7
29J3301	2	1	66.7
514H4026	2	1	66.7
70H1137	2	1	66.7
7H5157	2	1	66.7
JP3H51825	2	1	66.7
JP4H53108	2	1	66.7
JP4H53469	2	1	66.7
JP5H53207	2	1	66.7
PK519	2	1	66.7
54836	2	3	40.0
55227	2	3	40.0
GHBS1	2	3	40.0

父牛略号	メス頭数	オス頭数	メス比率
JP3H52254	2	3	40.0
JP4H52583	2	3	40.0
NK02	2	3	40.0
55358	2	4	33.3
1B555	2	4	33.3
200H2197	2	4	33.3
200H5428	2	4	33.3
200H9408	2	4	33.3
PK147	2	4	33.3
1H8220	2	5	28.6
29H9674	2	5	28.6
ETB5	2	5	28.6
514H4148	2	7	22.2
HG974020	2	7	22.2
55005	2	9	18.2
200H3067	2	9	18.2
D811087	2	9	18.2
54988	2	12	14.3
1193	1		100.0
15090	1		100.0
53414	1		100.0
53584	1		100.0
54619	1		100.0
54660	1		100.0
54697	1		100.0
54702	1		100.0
54714	1		100.0
54808	1		100.0
54863	1		100.0
54865	1		100.0
54883	1		100.0
55026	1		100.0
55154	1		100.0
55282	1		100.0
55319	1		100.0
55339	1		100.0
55377	1		100.0
55684	1		100.0
+00H5049	1		100.0
+P4H53351	1		100.0
0JP4H53351	1		100.0
11H8385	1		100.0
14H2736	1		100.0
14H4784	1		100.0
1K80	1		100.0
200H1464	1		100.0
200H5678	1		100.0
200H7030	1		100.0
203H376X	1		100.0
203J607	1		100.0
250H850	1		100.0
29B3789	1		100.0
29H10889	1		100.0
29H11470	1		100.0
29H11563	1		100.0
29H13053	1		100.0
29H13363	1		100.0
29H1509	1		100.0

父牛略号	メス頭数	オス頭数	メス比率
3H53111	1		100.0
3H53394	1		100.0
3H53584	1		100.0
3K93	1		100.0
3P3H53440	1		100.0
507B758	1		100.0
507H6782	1		100.0
507H7596	1		100.0
507H8223	1		100.0
507H8291	1		100.0
507H8747	1		100.0
507H9222	1		100.0
511H9791	1		100.0
514H4099	1		100.0
529H859	1		100.0
529JE3301	1		100.0
529JE3506	1		100.0
59H11563	1		100.0
614H4784	1		100.0
614H4924	1		100.0
70H212	1		100.0
71H843	1		100.0
73H2012	1		100.0
777H5049	1		100.0
777JE427	1		100.0
7H5687	1		100.0
7H6349	1		100.0
7H6558	1		100.0
7H7602	1		100.0
7H9321	1		100.0
7J667	1		100.0
80H1056	1		100.0
97H6014	1		100.0
9H13387	1		100.0
ABS-黒-22	1		100.0
ETH43	1		100.0
ETH5	1		100.0
ETH6	1		100.0
ETS1	1		100.0
HG9975904	1		100.0
HK103	1		100.0
HK-170	1		100.0
HK43	1		100.0
HNK-18	1		100.0
HR93	1		100.0
JB-24	1		100.0
JP3H51825X	1		100.0
JP3H51853X	1		100.0
JP3H52603X	1		100.0
JP3H52799	1		100.0
JP3H52972	1		100.0
JP3H52982	1		100.0
JP3H53241	1		100.0
JP3H5350X	1		100.0
JP3H54002	1		100.0
JP4H53043	1		100.0
JP4H5385	1		100.0
JP4H58508	1		100.0

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JP5H53480SX	1		100.0
K34	1		100.0
NHA11	1		100.0
P4H53351	1		100.0
PK407	1		100.0
PK-445	1		100.0
PK569	1		100.0
PK625	1		100.0
SI28	1		100.0
SI30	1		100.0
SI52	1		100.0
SI98	1		100.0
T9087	1		100.0
55329	1	2	33.3
55333	1	2	33.3
55351	1	2	33.3
55468	1	2	33.3
55532	1	2	33.3
11H5071	1	2	33.3
151H5709	1	2	33.3
200H3121	1	2	33.3
7H7359	1	2	33.3
ETH41	1	2	33.3
HB8185	1	2	33.3
HG971510	1	2	33.3
JP3H51546	1	2	33.3
OHK10	1	2	33.3
PK349	1	2	33.3
PK376	1	2	33.3
11H5534	1	3	25.0
14H5411	1	3	25.0
200H3280	1	3	25.0
200H3516	1	3	25.0
29H13205	1	3	25.0
70H9954	1	3	25.0
71H1469	1	3	25.0
80H1059	1	3	25.0
I45	1	3	25.0
KT14	1	3	25.0
200H5546	1	4	20.0
7H7596	1	4	20.0
55291	1	5	16.7
54844	1	7	12.5
52585		1	0.0
54845		1	0.0
54851		1	0.0
55116		1	0.0
55263		1	0.0
55279		1	0.0
55283		1	0.0
55328		5	0.0
55371		1	0.0
55381		2	0.0
55418		3	0.0
55686		1	0.0
+P3H53394		1	0.0
11H2847		1	0.0
11H7464		2	0.0

父牛略号	メス頭数	オス頭数	メス比率
11H9647		1	0.0
147J6045		1	0.0
1B24		1	0.0
1H6833		1	0.0
1H77918		1	0.0
1H9173		1	0.0
1J-36		1	0.0
1P3H53584		1	0.0
1P3H53655		1	0.0
1P4H53351		1	0.0
200H0044		2	0.0
200H0113		2	0.0
200H1937		1	0.0
200H3101		1	0.0
203H376		1	0.0
250H895		2	0.0
28H583		2	0.0
29B3759		1	0.0
29H013218		1	0.0
29H11191		1	0.0
29H113359		1	0.0
29H11356		1	0.0
29H11599		1	0.0
29H11638		1	0.0
29H1647		1	0.0
29H1931		1	0.0
29H897		1	0.0
29JE3314		1	0.0
29JE3477		1	0.0
39H13387		1	0.0
39H240		1	0.0
3H53112		1	0.0
3H53655		1	0.0
3P3H53394		1	0.0
4H53351		1	0.0
507H7838		1	0.0
514H4511		1	0.0
6H1127		1	0.0
6P3H53307		1	0.0
70H969		1	0.0
73H2400		1	0.0
7H67581		1	0.0
7H7712		1	0.0
7H7746		2	0.0
7H8856		2	0.0
91JE 4613		1	0.0
94H11033		1	0.0
94H860		2	0.0
9H1833		1	0.0
ETB6		2	0.0
ETF41		3	0.0
GF10		4	0.0
GHBS-1		1	0.0
GS85		1	0.0
H252		1	0.0
H3355		1	0.0
H54657		3	0.0
HK123Y		2	0.0

父牛略号	メス頭数	オス頭数	メス比率
HK192		2	0.0
HK200		1	0.0
HK204		3	0.0
HK80Y		5	0.0
HK-93		1	0.0
HK-96		1	0.0
HK96Y		1	0.0
I37		1	0.0
JK22		1	0.0
JP3H52892X		1	0.0
JP3H533654		1	0.0
JP3H53392		2	0.0
JP3H5677		2	0.0
JP4H52357		1	0.0
JP4H53088		1	0.0
JP5H51575		1	0.0
JP5H53632		1	0.0
KA35		1	0.0
KS 68		1	0.0
KS4		2	0.0
KT1		2	0.0
KT4		1	0.0
KT-6		1	0.0
O35		1	0.0
PK187		1	0.0
PK232		2	0.0
PK375		3	0.0
PK555SY		1	0.0
PK581		1	0.0
PK692		2	0.0
SA1		1	0.0
SI12		1	0.0
SI23		1	0.0
SI47		2	0.0
SI53		3	0.0
SI75		1	0.0
SI81		1	0.0
SI84		1	0.0
SI93		1	0.0
SI94		1	0.0
SI95		1	0.0
X		1	0.0
YK36		1	0.0