

S1 Table

Raw read assembly verification using WGS contigs and annotated sequences

	1	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111111
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	AGGACTCGGC	TCCGGTAGTG	GCGGTGAGCG	GGCGCTCGCG	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	GGTAGTCGGC	GCCTATGGGA	CTAGAACGTT	TTTTTCGGAT	GCCTTATATG	TTCGTCTGTA	GGAGCGAGTG	AGGACTCGGC	TCCAAGGGTG	GCGGTGAGCG	GGCGCTCG--	-----
AADN03015064	GGTAGTCGGC	GCCTATGGGA	CTAGAACGTT	TTTTTCGGAT	GCCTTATATG	TTCGTCTGTA	GGAGCGAGTG	AGGACTCGGC	TCCGGTAGTG	GCGGTGAGCG	GGCGCTCGCG	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	GGTAGTCGGC	GCCTATGGGA	CTAGAACGTT	TTTTTCGGAT	GCCTTATATG	TTCGTCTGTA	GGAGCGAGTG	AGGACTCGGC	TCCGGTAGTG	GCGGTGAGCG	GGCGCTCGCG	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	GGTAGTCGGC	GCCTATGGGG	CTAGAACGTT	TTTTTCGGAT	GCCTTATATG	TTCGTCTGTA	GGAGCGAGTG	AGGACTCGGC	TCCGGTAGTG	GCGGTGAGCG	GGCGCTCGCG	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGTAGTCGGC	GCCTATGGGG	CTAGAACGTT	TTTTTCGGAT	GCCTTATATG	TTCGTCTGTA	GGAGCGAGTG	AGGACTCGGC	TCCGGTAGTG	GCGGTGAGCG	GGCGCTCGCG	-----
	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111112	2222222222	2222222222
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	AGCAGGGTTG	ACCGGCCGGC	CGCCTAGAGA	GGGGA--GTC	GGCGGCGGCG	GCGGCGGCTT	TCTCGGGCAT	CGGTTCGTTC	GATCGGTCCG	GTCGCTTCGG	TTTGTCGGTC	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	AGCAGGGTTG	ACCGGCCGGC	CGCCTAGAGA	GGGGATCGGC	GGGGGCGGCG	GCGGCGGCTT	TCTCGGGCAT	CGGTTCGTTC	GATCGGTCCG	GTCGCTTCGG	TTTGTCGGTC	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	AGCAGGGTTG	ACCGGCCGGC	CGCCTAGAGA	GGGGATCGGC	GGGGGCGGCG	GCGGCGGCTT	TCTCGGGCAT	CGGTTCGTTC	GATCGGTCCG	GTCGCTTCGG	TTTGTCGGTC	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	AGCAGGGTTG	ACCGGCCGGC	CGCCTAGAGA	GGGGATCGGC	GGCGGCGGCG	GCGGC---TT	TCTCGGGCAT	CGGTTCGTTC	GATCGGTCCG	GTCGCTTCGG	TTTGTCGGTC	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GAGGGGGACC	CGGAGGTCGT	AGGTCGTGGC	GGCGTCGCCT	CGTCCTCCTT	TCGCACCGCA	TTCTCACCCG	CACGCGGGAG	CCCCGGCCGA	TTCGTGGCGC	TCCTCGGGCG	-----
	5555555555	5555555555	5555555555	5555555555	5555555556	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666
	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	CGTCGGGGAG	GCTTCCCGGC	GGGCCGGCTC	TATCCCGCTC	C-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	CGTCGGGGAG	GCTTCCCGGC	GGGCCGGCTC	TATCCCGCTC	CCCGGCTCGT	TCGGGGTGGC	GTGGGGCGGG	CCGGTGTTCA	GGCACGGGCG	AGCACCTCTC	GTCGGACGTT	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	CGTCGGGGAG	GCTTCCCGGC	GGGCCGGCTC	TATCCCGCTC	CCCGGCTCGT	TCGGGGTGGC	GTGGGGCGGG	CCGGTGTTCA	GGCACGGGCG	AGCACCTCTC	GTCGGACGTT	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGTCGGGGAG	GCTTCCCGGC	GGGCCGGCTC	TATCCCGCTC	CCCGGCTCGT	TCGGGGTGGC	GTGGGGCGGG	CCGGTGTTCA	GGCACGGGCG	AGCACCTCTC	GTCGGACGTT	-----
	6666666666	6666666666	6666666666	6666666667	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	TCGTGGGGTC	GCGCCCGTCT	CGAGGTCGCG	TTCTCCTCTA	GCACGTCCGT	CTCCGGCGGC	GGGGCTTCGT	TTCCCCGTCC	GCTTCTCCGC	CGGTCCCGGA	GGGCGGGTCA	
	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
	5555555555	5555555555	5555555555	5555555555	5555555555	5555555556	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666
	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCCCCGCGC	GCCGTGCGGC	GCGAGCGCGA	GTCCGGCTCC	CGCGGGGGG	GCCCGGAGCG	TGCCGCCGAA	AGCAGCTGCG	CAGCGGTCCC	CGTCTCTCC	CCGCGGGGG	
	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
	6666666666	6666666666	6666666666	6666666666	6666666667	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----CTC	CGTCGTGGTC	GGCGAGCGAG	CGAGCGAGCG	AGGGAACGAC	GGAGGGCCGC	CCGCCCCGCC	GAGAGGCGTT
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----


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AF173612
Gallus_gallus_KT445934.2  CGCCCCGGCG GCCGCCGCCG TCGACCCGGC AAGGGCCAGA CGGGAAAGCC GAGCGAGCAG GCGAGAGAGA GAGAGAGGGA AGGAGCGAGA GCGGTCGGCG GCGGGCCGGG

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8888888888 8888888888 8888888888 9999999999 9999999999 9999999999 9999999999 9999999999 9999999999 9999999999 9999999999
7777777778 8888888889 9999999990 0000000001 1111111112 2222222223 3333333334 4444444445 5555555556 6666666667 7777777778
1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890

AADN03001677
AADN03001778
AADN03001785  CCCGTCGGGT CGTGCCCGT GCGCGGCTA CCTGGTTGAT CTGCCAGTA GCATATGCTT GTCTCAAAGA TTAAGCCATG CATGTCTAAG TACACACGGG CCGTACAGTG
AADN03001786  CCCGTCGGGT CGTGCCCGT GCGCGGCTA CCTGGTTGAT CTGCCAGTA GCATATGCTT GTCTCAAAGA TTAAGCCATG CATGTCTAAG TACACACGGG CCGTACAGTG
AADN03001788  CCCGTCGGGT CGTGCCCGT GCGCGGCTA CCTGGTTGAT CTGCCAGTA GCATATGCTT GTCTCAAAGA TTAAGCCATG CATGTCTAAG TACACACGGG CCGTACAGTG
AADN03014081
AADN03015064
AADN03026634
NW_003775878  NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
DQ018752
DQ018757
DQ112354
FM165414  -----T CCTGCCAGTA GCATATGCTT GTCTCAAAGA TTAAGCCATG CATGTCTAAG TACACACGGG CCGTACAGTG
FM165415
AADN03000430
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AADN03001783
DQ018754
AADN03001782
JN639848
AADN03001670
HQ873432  -----T CCTGCCAGTA GCATATGCTT GTCTCAAAGA TTAAGCCATG CATGTCTAAG TACACACGGG CCGTACAG--
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AADN03001775
EF552813
AADN03022685
AADN03019346
AADN03001776
DQ018756
AF173612
Gallus_gallus_KT445934.2  CCCGTCGGGT CGTGCCCGT GCGCGGCTA CCTGGTTGAT CTGCCAGTA GCATATGCTT GTCTCAAAGA TTAAGCCATG CATGTCTAAG TACACACGGG CCGTACAGTG

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1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890

AADN03001677  -----TA AATCAGTTAT GGTTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGCTAATA CATGCCGACG AGCGCCGACC
AADN03001778
AADN03001785  AAAGTGCAG TGGCTCATTA AATCAGTTAT GGTTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGCTAATA CATGCCGACG AGCGCCGACC
AADN03001786  AAAGTGCAG TGGCTCATTA AATCAGTTAT GGTTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGCTAATA CATGCCGACG AGCGCCGACC
AADN03001788  AAAGTGCAG TGGCTCATTA AATCAGTTAT GGTTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGCTAATA CATGCCGACG AGCGCCGACC
AADN03014081
AADN03015064
AADN03026634  -----GAA TGGCTCATTA AATCAGTTAT GGTTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGGTAATA CATGCCGACG AGCGCCGACC
NW_003775878  NNNNNNNNGAA TGGCTCATTA AATCAGTTAT GGTTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGGTAATA CATGCCGACG AGCGCCGACC
DQ018752  -----TTCCTTTG GTCGCTCCCC TCCCGTFACT TGGATAACTG TGGTAATTCT AGAGCTAATA CATGCCGACG AGCGCCGACC
DQ018757
DQ112354

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AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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HQ873432	TCCCATGACC	CGCCGGGCAG	CTCCCGGGAA	ACCCAAGTCT	TTGGGTTCCG	GGGGGAGTAT	GGTTGCAAAG	CTGAAACTTA	AAGGAATTGA	CGGAAGGGCA	CCACCAGGAG	-----
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DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	TCCCATGACC	CGCCGGGCAG	CTCCCGGGAA	ACCCAAGTCT	TTGGGTTCCG	GGGGGAGTAT	GGTTGCAAAG	CTGAAACTTA	AAGGAATTGA	CGGAAGGGCA	CCACCAGGAG	-----
Gallus_gallus_KT445934.2	TCCCATGACC	CGCCGGGCAG	CTCCCGGGAA	ACCCAAGTCT	TTGGGTTCCG	GGGGGAGTAT	GGTTGCAAAG	CTGAAACTTA	AAGGAATTGA	CGGAAGGGCA	CCACCAGGAG	-----
	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333
	0000000000	0000000001	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----
NW_003775878	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----
DQ018752	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----
Gallus_gallus_KT445934.2	TGGAGCCTGC	GGCTTAATTT	GACTCAACAC	GGGAAACCTC	ACCCGGCCCG	GACACGGACA	GGATTGACAG	ATTGAGAGCT	CTTCTCGAT	TCCGTGGGTG	GTGGTGCATG	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	AGGGACAAGT	GCGCGTTCAG	CCACCCGAGA	TTGAGCAATA	ACAGGTCTGT	GATGCGCCTT	AGATGTCCGG	GGCTGCACGC	GCGCTACACT	GACTGGCTCA	GCTTGTGTCT	
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	AGGGACAAGT	G-GCGTTCAG	CCACCCGAGA	TTGAGCAATA	ACAGGTCTGT	GATGC-CCTT	AGATGTCCGG	GGCTGCACGC	GCGCTACACT	GACTGGCTCA	GCTTGTGTCT	
Gallus_gallus_KT445934.2	AGGGACAAGT	G-GCGTTCAG	CCACCCGAGA	TTGAGCAATA	ACAGGTCTGT	GATGC-CCTT	AGATGTCCGG	GGCTGCACGC	GCGCTACACT	GACTGGCTCA	GCTTGTGTCT	
	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333
	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	5555555555	5555555555
	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
NW_003775878	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
DQ018752	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	--GTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	
Gallus_gallus_KT445934.2	ACCCTACGCC	GGCAGGCGCG	GGTAACCCGT	TGAACCCAT	TCGTGATGGG	GATCGGGGAT	TGCAATTATT	CCCCATGAAC	GAGGAATTCC	CAGTAAGTGC	GGGTCATAAG	

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	CCGGAGCGTC	GAGAAGACGG	TCGAACTTGA	CTATCTAGAG	GAAGTAAAAG	TCGTAACAAG	GTTTCCGTAG	GTGAACCTGC	GGAAGGATCA	TTACCGGGGC	CGAGGCCGGG	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	CCGGAGCGTC	GAGAAGACGG	TCGAACTTGA	CTATCTAGAG	GAAGTAAAAG	TCGTAACAAG	GTTTCCGTAG	GTGAACCTGC	GGAAGGATCA	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	CCGGAGCGTC	GAGAAGACGG	TCGAACTTGA	CTATCTAGAG	GAAGTAAA--	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CCGGAGCGTC	GAGAAGACGG	TCGAACTTGA	CTATCTAGAG	GAAGTAAAAG	TCGTAACAAG	GTTTCCGTAG	GTGAACCTGC	GGAAGGATCA	TTACCGGGGC	CGAGGCCGGG	-----
	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	8888888888	8888888888	8888888888	8888888888	8888888888
	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	CGTCCGGCCG	AGCCGTGGCA	CGAGCGCGCG	CGGGCGCGCA	GCCTTCC--	-----	-----	-----	-----	-----	-----	-----
NW_003775878	CGTCCGGCCG	AGCCGTGGCA	CGAGCGCGCG	CGGGCGCGCA	GCCTTCC--	-----	-----	-----	-----	-----	-----	-----
DQ018752	CGTCCGGCCG	AGCCGTGGCA	CGAGCGCGCG	CGGGCGCGCA	GCCTTCCCTT	CCCTTCCCCG	AGCCCGCTCC	GCGCGGAGCG	CGGCTCCTCT	CCCCCGGTCC	AAACGGGGAA	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	CGTCCGGCCG	AGCCGTGGCA	CGAGCGCGCG	CGGGCGCGCA	GCCTTCCCTT	CCCTTCCCCG	AGCCCGCTCC	GCGCGGAGCG	CGGCTCCTCT	CCCCCGGTCC	AAACGGGGAA	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	CGTCCGGCCG	AGCCGTGGCA	CGAGCGCGCG	CGGGCGCGCA	GCCTTCCCTT	CCC-----CG	AGCCCGCTCC	GCGCGGAGCG	CGGCTCCTCC	CCCCCGGTCC	AAACGGGGAA	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGTCCGGCCG	AGCCGTGGCA	CGAGCGCGCG	CGGGCGCGCA	GCCTTCCCTT	CCCTTCCCCG	AGCCCGCTCC	GCGCGGAGCG	CGGCTCCTCT	CCCCCGGTCC	AAACGGGGAA	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GCTCCGGCGC	GTCTCTCCCC	CCCCGGCGCC	GGTCCGCCGT	CGGTCCGCAC	GCCGCGGGTC	CGGTCCGTCC	GGTCGCCTCG	CCGGCGCGCG	CCCGCGCGCG	CGCGTCCC GC	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCTCCGGCGC	GTCTCTCCCC	CCCCGGCGCC	GGTCCGCCGT	CGGTCCGCAC	GCCGCGGGTC	CGGTCCGTCC	GGTCGCCTCG	CCGGCGCGCG	CCCGCGCGCG	CGCGTCCC GC	-----
	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
	0000000000	0000000000	0000000001	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	GGGCCTCGCC	CGGGTCGCCG	CGCTCCGGAG	CGTCCC GCGG	CCGAGTCCCG	CTCCGACCGC	GGGGTCGGGG	TCGGGAGGTG	GCGGCGGTGC	GGAGGGTGA	AGGACGGCTC	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GGGCCTCGCC	CCGGCCGCCG	CGCTCCGGAG	CGTCCC GCGG	CCGAGTCCCG	CTCCGACCGC	GGGGTCGGGG	TCGGGAGGTG	GCGGCGGTGC	GGAGGGTGA	AGGACGGCTC	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGGCCTCGCC	CGGGTCGCCG	CGCTCCGGAG	CGTCCC GCGG	CCGAGTCCCG	CTCCGACCGC	GGGGTCGGGG	TCGGGAGGTG	GCGGCGGTGC	GGAGGGTGA	AGGACGGCTC	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	CGGCGGGCGG	CGGGTCCGAG	CGCGGGGCGC	GGGAAGTCGG	CCGCTTCCCC	CGGCCTCACC	CCCCACCCCC	TTCGCCCGGC	CCGTGCGGGG	GACGGGGCCG	GGTCGCGGGC	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGGCGGGCGG	CGGGTCCGAG	CGCGGGGCGC	GGGAAGTCGG	CCGCTTCCCC	CGGCCTCACC	CCCCACCCCC	TTCGCCCGGC	CCGTGCGGGG	GACGGGGCCG	GGTCGCGGGC	-----
	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	5555555555
	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	GGCTGCGGAG	CCGGCCGACT	CCGGGCGAGC	GCCGGAGGGA	CGCGCGCGCC	GCGTACGCGC	GGCAGGCGCG	AGGTGCCCCG	GGCGGCTTCG	GTCCCGCGCG	GGCGGTCCGA	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GGCTGCGGAG	CCGGCCGACT	CCGGGCGAGC	GCCGGAGGGG	CGCGCGCGCC	GCGTACGCGC	GGCAGGCGCG	AGGTGCCCCG	GGCGGCTTCG	GTCCCGCGCG	GGCGGTCCGA	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGCTGCGGAG	CCGGCCGACT	CCGGGCGAGC	GCCGGAGGGA	CGCGCGCGCC	GCGTACGCGC	GGCAGGCGCG	AGGTGCCCCG	GGCGGCTTCG	GTCCCGCGCG	GGCGGTCCGA	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	CGCGGGCGGA	CGCTCCCCCG	AGGGGCGCCG	GGGCCGGCTG	GCGGGTGCCG	GGTCTCCCCT	CGGCGCCCCG	TCCCGCCCCG	CCGAGCGGGG	CGGGCGGGGG	AGGCACCCCC
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGCGGGCGGA	CGCTCCCCCG	AGGGGCGCCG	GGGCCGGCTG	GCGGGTGCCG	GGTCTCCCCT	CGGCGCCCCG	TCCCGCCCCG	CCGAGCGGGG	CGGGCGGGGG	AGGCACCCCC
	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777778	8888888888	8888888888	8888888888
	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	GCGGGGCCTT	CGGGTCGTTT	CCCTCACCCC	AGGGCCAGGT	ACCTAGCGTC	CGCGCCTCCG	CGCGTCCGGG	GGGCGGGGAG	GAAGGAGCGC	GGCGCCGGTC	CCGAGCGGGC
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GCGGGGCCTT	CGGGTCGTTT	CCCTCACCCC	AGGGCCAGGT	ACCTAGCGTC	CGCGCCTCCG	CGCGTCCGGG	GGGCGGGGAG	GAAGGAGCGC	GGCGCCGGTC	CCGAGCGGGC
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCGGGGCCTT	CGGGTCGTTT	CCCTCACCCC	AGGGCCAGGT	ACCTAGCGTC	CGCGCCTCCG	CGCGTCCGGG	GGGCGGGGAG	GAAGGAGCGC	GGCGCCGGTC	CCGAGCGGGC

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	TCTGCCCGCC	GGC-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	TCTGCCCGCC	GGCGGGACGC	CGGGATGGAA	GAGAGGACTC	CGGGCGGGGC	GCGGCGGCGC	GCCCCGCCGG	CCCTCTCCCT	CCCGAGCCCG	CCGGCGGCGT	CGGCCGTCGC	-----
	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555
	0000000000	0000000000	0000000000	0000000001	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	-----
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGCGCCCTCG	GTCCTCCGCG	GGGCGGGCCC	GGGCCGAGAG	GGGGTTCATC	CCGTCCCCC	TCTCCGCGGC	CTCGGTCTCG	GGCGGAGAGC	TCGGCGCGCG	CGCGGGCGCG	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGGCCGCGG	GACGGCGAGC	CGGCCGTCCC	GCCCGCGCCA	GCCGCGGCGC	CGGCCGGTTC	GCTCCGCCGG	TCCGCCCCGC	GTGCGTCCGC	ACGCCCGGCC	TCTTGCCCTC	
	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555
	3333333334	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444445
	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	---CGGGCCT	CGCCGGCCGT	TTCCCTTTC	GTCGCAAGCC	GCGTCTCTC	CTTCGTCCCC	GCCGCGGTGC	CCTTCCCACC	GCGCTT-CGC	C-TCGGCCTC	GCCGGCCGCG	
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CCTCGGGGCC	TCGCCGCCGT	TTCCCCCTTC	CGTCGCAAGC	GCGTCTCTC	CCTTCGTCCC	CGCCGCCGTC	GCCTCCCACC	GCGCTTTCGC	CCTCGGCCTC	GCCGGCCGCG	

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GTGCGCGCGT	CCGCCCGCGG	CGCGCCGCCA	GGGCGAGCGA	GAGGAGGAGG	CGTCCGAGGA	CGAGGGGCGG	GGGAGGAAGG	TGAGAGGCGG	CGGGGGCGTT	TCGGTGC GCG	-----
AADN03001782	GTGCGCGCGT	CCGCCCGCGG	CGCGCCGCCA	GGGCGAGCGA	GAGGAGGAGG	CGTCCGAGGA	CGAGGGGCGG	GGGAGGAAGG	TGAGAGGCGG	CGGGGGCGTT	TCGGTGC GCG	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	GTGCGCGCGT	CCGCCCGCGG	CGCGCCGCCA	GGGCGAGCGA	GAGGAGGAGG	CGTCCGAGGA	CGAGGGGCGG	GGGAGGAAGG	TGAGAGGCGG	CGGGGGCGTT	TCGGTGC GCG	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GTGCGCGCGT	CCGCCCGCGG	CGCGCCGCCA	GGGCGAGCGA	GAGGAGGAGG	CGTCCGAGGA	CGAGGGGCGG	GGGAGGAAGG	TGAGAGGCGG	CGGGGGCGTT	TCGGTGC GCG	-----
	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555	5555555555
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777778	8888888888	8888888888	8888888888
	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	-----
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	CGTCTCCCGC	ACGGCGAGGA	AGGGGCCGAG	GTCGGCGCGG	GCGCCGTCGG	GCGGTCCGGC	GCGAGCGCGG	TCCGGCGGCG	CCGCCGGCGC	GGGCGGGGGC	CCGGTCTGCT	-----
AADN03001782	CGTCTCCCGC	ACGGCGAGGA	AGGGGCCGAG	GTCGGTGC GG	GCGCCGTCGG	GCGGTCCGGC	GCGGGCGCGG	GCCGGCGGCG	CCGCCGGCGC	GGGCGGGGGC	CTGGTCTGCT	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	CGTCTCCCGC	ACGGCGAGGA	AGGGGCCGAG	GTCGGTGC GG	GCGCCGTCGG	GCGGTCCGGC	GCGGGCGCGG	TCCGGCGGCG	CCGCCGGCGC	GGGCGGGGGC	CTGGTCTGCT	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGTCTCCCGC	ACGGCGAGGA	AGGGGCCGAG	GTCGGCGCGG	GCGCCGTCGG	GCGGTCCGGC	GCGGGCGCGG	GCCGGCGGCG	CCGCCGGCGC	GGGCGGGGGC	CTGGTCTGCT	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GGCCGGGCCG	AGCCGGGGCG	CTGGTCCGTC	CCCGAAGCGA	GACAGGGTCG	TTTCCCCCAGG	TCGGGAGCGA	GGGCTCCCCG	CCCTTCTCGT	TCGGGTTCGCG	CTTCATTGCC
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	GGCCGGGCCG	AGCCGGGGCG	CTGGTCCGTC	CCCGAAGCGA	GACAGGGTCG	TTTCCCCCAGG	TCGGGAGCGA	GGGCTCCCCG	CCCTTCTCGT	TCGGGTTCGCT	TTTCATTGCC
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGCCGGGCCG	AGCCGGGGCG	CTGGTCCGTC	CCCGAAGCGA	GACAGGGTCG	TTTCCCCCAGG	TCGGGAGCGA	GGGCTCCCCG	CCCTTCTCGT	TCGGGTTCGCG	CTTCATTGCC
	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666
	0000000000	0000000000	0000000000	0000000000	0000000001	1111111111	1111111111	1111111111	1111111111	1111111111	1111111111
	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	GGCCGGGCCG	-----TCG	CCGGCTTTTT	TTT-CCCTCC	CGCATCCGAT	ATTCGTGTGC	TCGTACGGTC	AGCGGAGGCG	ACGCTCGTCC	GCCCCGCGGT	CGCCCCGGCG
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	GGCCGGGCCG	-----TCG	CCGGCTTTTT	TTTTCCCTCC	CGCATCCGAT	ATTCGTGTGC	TCGTACGGTC	AGCGGAGGCG	ACGCTCGTCC	GCCCCGCGGT	CGCCCCGGCG
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGCCGGGCCG	CCGGCCGTCG	CCGGCTTTTT	TTTTCCCTCC	CGCATCCGAT	ATTCGTGTGC	TCGTACGGTC	AGCGGAGGCG	ACGCTCGTCC	GCCCCGCGGT	CGCCCCGGCG

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	GTGGATCACT	CGGCTCGTGC	GTCGATGAAG	AACGCAGCTA	GCTGCGAGAA	TTAATGTGAA	TTGCAGGACA	CATTGATCAT	CGACACTTCG	AACGCACTTG	CGGCCCGGG	
DQ018754	GTGGATCACT	CGGCTCGTGC	G-CGATGAAG	AACGCAGCTA	GCTGCGAGAA	CTAATGTGAA	TTGCAGGACA	CATTGATCAT	CGACACTTCG	AA-----	-----	
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001670	GTGGATCACT	CGGCTCGTGC	GTCGATGAAG	AACGCAGCTA	GCTGCGAGAA	TTAATGTGAA	TTGCAGGACA	CATTGATCAT	CGACACTTCG	AACGCACTTG	CGGCCCGGG	
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Gallus_gallus_KT445934.2	GTGGATCACT	CGGCTCGTGC	GTCGATGAAG	AACGCAGCTA	GCTGCGAGAA	TTAATGTGAA	TTGCAGGACA	CATTGATCAT	CGACACTTCG	AACGCACTTG	CGGCCCGGG	
	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666
	3333333333	3333333333	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
	8888888888	9999999999	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	8888888889
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001783	TTCTCCCGG	GGCTACGCCT	GCCTGAGCGT	CGCTTGACGG	TCAATCGCCG	ACGGCCCGCG	TCCGCGGCGG	CCGCGGCGCG	CGGCTGGGGC	GCCTCGCAGG	CCCGCGCGCC	
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001670	TTCTCCCGG	GGCTACGCCT	GCC-----	-----	-----	-----	-----	-----	-----	-----	-----	
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Gallus_gallus_KT445934.2	TTCTCCCGG	GGCTACGCCT	GCCTGAGCGT	CGCTTGACGG	TCAATCGCCG	ATGGCCCGCG	TCCGCGGCGG	CCGCGGCGCG	CGGCTGGGGC	GCCTCGCAGG	CCCGCGCGCC	

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	GTCGCGCCGC	GGGCCTTCGT	CCCCCTAAGT	GGAGACCCAG	GTCGGGGAGC	TCGCCGAGCT	CCCCGCGCTC	CCGGAGCGCC	CGCTTTGGCC	GAGCTCGTCC	CCACGGGGCG	
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GTCGCGCCGC	GGGCCTTCGT	CCCCCTAAGT	GGAGACCCAG	GTCGGGGAGC	TCGCCGAGCT	CCCCGCGCTC	CCGGAGCGCC	CGCTTTGGCC	GAGCTCGTCC	CCACGGGGCG	
	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666	6666666666
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777778	8888888888	8888888888
	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	GCCGGGCTTT	CCGGTCGGTC	GCGCGGCGCA	GCGCGGCGGG	GCCGGACGTT	CGTTCGTTTCG	TTCGTCCGGC	CCCCGCCCC	GGAGGAGCGC	ACCTCGCCCT	CCCCGGCCCC	
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCCGGGCTTT	CCGGTCGGTC	GCGCGGCGCA	GCGCGGCGGG	GCCGGACGTT	CGTTCGTTTCG	TTCGTCCGGC	CCCCGCCCC	GGAGGAGCGC	TCCTCGCCCT	CCCCGGCCCC	

AADN03001784	CCGTCCGGCC	GAGCCCGGCG	CGCGTCCCCG	CGGGTCCGTC	TCCGGCCACC	GTGCGCCGGC	GGCGGCGGCG	GCGGTGCGAA	CCGCCGGCGG	CGCGCCGGCT	CCCCCGTCCG
AADN03001783	CCGTCCGGCC	GAGCCCGGCG	CGCGTCCCCG	CGGGTCCGTC	TCCGGCCACC	GTGCGCCGGC	GGCGGCGGCG	GCGGTGCGAA	CCGCCGGCGG	CGCGCCGGCT	CCCCCGTCCG
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CCGTCCGGCC	GAGCCCGGCG	CGCGTCCCCG	CGGGTCCGTC	TCCGGCCACC	GTGCGCCGGC	GGCGGCGGCG	GCGGTGCGAA	CCGCCGGCGG	CGCGCCGGCT	CCCCCGTCCG
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
	0000000000	0000000000	0000000000	0000000000	0000000000	0000000001	1111111111	1111111111	1111111111	1111111111	1111111111
	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	GGCGTTCCTC	CCTCGGCAGC	GCCGGGAGCA	GCCGCTTGCC	GTCCGAAGGC	GGGTGGCCCG	GCGAGCGCGG	GCTCGCCCGG	GGCCCGGCGT	TCGGGCCCCG	TTTTCCGATC
AADN03001783	GGCGT-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGCGTTCCTC	CCTCGGCAGC	GCCGGGAGCA	GCCGCTTGCC	GTCCGAAGGC	GGGTGGCCCG	GCGAGCGCGG	GCTCGCCCGG	GGCCCGGCGT	TCGGGCCCCG	TTT-CCGATC

AADN03001784	CAGCGCCGAA	TCCCCGCCCC	GCGGTGGGGC	GCGGGAGGTG	TGGCGTACGG	AAGCCCCCAT	CCCCGGCGCC	GCTCTCGGGG	GGCCCAAGTC	CTTCTGATCG	AGGCCAGCC
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-CGGTGGGGC	GCGGGAGGTG	TGGCGTACGG	AAGCCCCCAT	CCCCGGCGCC	GCTCTCGGGG	GGCCCAAGTC	CTTCTGATCG	AGGCCAGCC
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CAGCGCCGAA	TCCCCGCCCC	GCGGTGGGGC	GCGGGAGGTG	TGGCGTACGG	AAGCCCCCAT	CCCCGGCGCC	GCTCTCGGGG	GGCCCAAGTC	CTTCTGATCG	AGGCCAGCC
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
	3333333333	3333333333	3333333334	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	CGCGGACGGT	GTGAGGCCGG	TAGCGGCCCC	CCGGCGCGCC	GGGCCCGGGG	CTTCTCGGAG	TCGGGTTGCT	TGGGAATGCA	GCCCAAAGCG	GGTGGTAAAC	TCCATCTAAG
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	CGCGGACGGT	GTGAGGCCGG	TAGCGGCCCC	CCGGCGCGCC	GGGCCCGGGG	CTTCTCGGAG	TCGGGTTGCT	TGGGAATGCA	GCCCAAAGCG	GGTGGTAAAC	TCCATCTAAG
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGCGGACGGT	GTGAGGCCGG	TAGCGGCCCC	CCGGCGCGCC	GGGCCCGGGG	CTTCTCGGAG	TCGGGTTGCT	TGGGAATGCA	GCCCAAAGCG	GGTGGTAAAC	TCCATCTAAG

AADN03001784	GGGGTCCGCG	CAGTCGGCCC	GGAGGATTCA	ACCCGGCGGG	CCAAGGTCGG	CCGGCGCGGG	CGCCGTCGGA	TCCCCGCCTC	CGCTCCCTC	CCGTCCCTCC	CCTTCGCCGG
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	GGGGTCCGCG	CGGTCGGCCC	GGAGGATTCA	ACCCGGCGGG	CCAAGGTCGG	CCGGCGCGGG	CGCCGTCGGA	TCCCCGCCTC	CGCTCCCTC	CCGTCCCTCC	CCTTCGCCGG
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGGGTCCGCG	CAGTCGGCCC	GGAGGATTCA	ACCCGGCGGG	CCAAGGTCGG	CCGGCGCGGG	CGCCGTCGGA	TCCCCGCCTC	CGCTCCCTC	CCGTCCCTCC	CCTTCGCCGG
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	8888888888
	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	GGCGGGGCGG	GCCCAGGGGG	GGCGGGGCGG	CCGGGGACCG	CCGCCCGGCC	GGCGTCCGGC	CCCCGTCGGG	CGCATTTCCT	CCGCGGCGGT	GCGCCGCGAC	CGGCTCCGGG
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	GGCGGGGCGG	GCCCAGGGGG	GGCGGGGCGG	CCGGGGACCG	CCGCCCGGCC	GGCGTCCGGC	CCCCGTCGGG	CGCATTTCCT	CCGCGGCGGT	GCGCCGCGAC	CGGCTCCGGG
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGCGGGGCGG	GCCCAGGGGG	GGCGGGGCGG	CCGGGGACCG	CCGCCCGGCC	GGCGTCCGGC	CCCCGTCGGG	CGCATTTCCT	CCGCGGCGGT	GCGCCGCGAC	CGGCTCCGGG

AADN03001784	GGACCGCCGC	CGCGCCCTCC	CCCGGAGGGG	GCGGCCCCCC	GGAGGGCCCC	CCGCGGCCGG	ACCGGCGTCG	GGCCGGCCGC	GCCGCGCGCG	CGTCCGCGCC	GCCGCCGTAC
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	GGACCGCCGC	CGCGCCCTCC	CCCGGAGGGG	GCGGCCCCCC	GGAGGGCCCC	CCGCGGCCGG	ACCGGCGTCG	GGCCGGCCGC	GCCGCGCGCG	CGTCCGCGCC	GCCGCCGTAC
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GGACCGCCGC	CGCGCCCTCC	CCCGGAGGGG	GCGGCCCCCC	GGAGGGCCCC	CCGCGGCCGG	ACCGGCGTCG	GGCCGGCCGC	GCCGCGCGCG	CGTCCGCGCC	GCCGCCGTAC
	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888
	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000001	1111111111	1111111111	1111111111	1111111111
	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	GCCGCCGCTC	GCTCTCTCTC	CGTTCCCCGC	CCCGGGTCCG	TCCCGGGGCG	CGGGGGCGGG	GGGG-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	GCCGCCGCTC	GCTCTCTCTC	CGTTCCCCGC	CCCGGGTCCG	TCCCGGGGCG	CGGGGGCGGG	GGGGTCCGGC	GGGTGTCCGG	CGCGCGGCTC	GGCGCGGCGC	CGCGCGTGTG
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCCGCCGCTC	GCTCTCTCTC	CGTTCCCCGC	CCCGGGTCCG	TCCCGGGGCG	CGGGGGCGGG	GGGGTCCGGC	GGGTGTCCGG	CGCGCGGCTC	GGCGCGGCGC	CGCGCGTGTG

8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888
1111111111	1111111111	1111111111	1111111111	1111111111	1111111112	2222222222	2222222222	2222222222	2222222222	2222222222	2222222222	2222222222
4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445		
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677												
AADN03001778												
AADN03001785												
AADN03001786												
AADN03001788												
AADN03014081												
AADN03015064												
AADN03026634												
NW_003775878												
DQ018752												
DQ018757												
DQ112354												
FM165414												
FM165415												
AADN03000430												
AADN03001784												
AADN03001783												
DQ018754												
AADN03001782												
JN639848												
AADN03001670												
HQ873432												
AADN03001774												
AADN03001775												
EF552813												
AADN03022685												
AADN03019346												
AADN03001776												
DQ018756	GCGCGCGCCT	CCAGCCCGGC	GCGGGCGAGG	CCGCGGGGGG	CGCCGGGGGG	GAACCTTCCC	CCTTCTGTTC	GGGCCGCCTC	CGTTCCCGCG	GGGGCGGCC	GTTCGGGGGA	
AF173612												
Gallus_gallus_KT445934.2	GCGCGCGCCT	CCAGCCCGGC	GCGGGCGAGG	CCGCGGGGGG	CGCCGGGGGG	GAACCTTCCC	CCTTCTGTTC	GGGCCGCCTC	CGTTCCCGCG	GGGGCGGCC	GTTCGGGGGA	
8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888
2222222222	2222222222	2222222222	2222222222	2222222222	2222222223	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333	3333333333
5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556		
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677												
AADN03001778												
AADN03001785												
AADN03001786												
AADN03001788												
AADN03014081												
AADN03015064												
AADN03026634												
NW_003775878												
DQ018752												
DQ018757												
DQ112354												
FM165414												
FM165415												
AADN03000430												

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	CGGGCCCGCC	GGCCCCCGGC	GCCGCTGTCC	GACCGGGGCG	GACTGCGCTC	AGTGCGCCCC	GACCGCGCGG	CGCCGCCGGG	CCGGGCTCGG	GCCACGCCAG	GGCGCCCGGG	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	CGGGCCCGCC	GGCCCCCGGC	GCCGCTGTCC	GACCGGGGCG	GACTGCGCTC	AGTGCGCCCC	GACCGCGCGG	CGCCGCCGGG	CCGGGCTCGG	GCCACGCCAG	GGCGCCCGGG	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGGGCCCGCC	GGCCCCCGGC	GCCGCTGTCC	GACCGGGGCG	GACTGCGCTC	AGTGCGCCCC	GACCGCGCGG	CGCCGCCGGG	CCGGGCTCGG	GCCACGCCAG	GGCGCCCGGG	-----
-----	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888
-----	3333333333	3333333333	3333333333	3333333333	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
-----	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	-----
-----	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	GTCCGCGGCG	ACGTCGGCTA	CCCACCCGAC	CCGTCTTGAA	ACACGGACCA	AGGAGTCTAG	CACGCGCGCG	AGTCGGCGGC	TCGCGCGAAA	GCCC GCGGCG	CAATGAAGGT	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	GTCCGCGGCG	ACGTCGGCTA	CCCACCCGAC	CCGTCTTGAA	ACACGGACCA	AGGAGTCTAG	CACGCGCGCG	AGTCGGCGGC	TCGCGCGAAA	GCCC GCGGCG	CAATGAAGGT	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GTCCGCGGCG	ACGTCGGCTA	CCCACCCGAC	CCGTCTTGAA	ACACGGACCA	AGGAGTCTAG	CACGCGCGCG	AGTCGGCGGC	TCGCGCGAAA	GCCC GCGGCG	CAATGAAGGT	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	GCGCGTGCTA	GGACCCGAAA	GATGGTGAAC	TATGCCTGGG	CAGGGCGAAG	CCAGAGGAAA	CTCTGGTGGG	GGTCCGTAGC	GGTCCTGACG	TGCAAATCGG	TCGTCCGACC	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	GCGCGTGCTA	GGACCCGAAA	GATGGTGAAC	TATGCCTGGG	CAGGGCGAAG	CCAGAGGAAA	CTCTGGTGGG	GGTCCGTAGC	GGTCCTGACG	TGCAAATCGG	TCGTCCGACC	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCGCGTGCTA	GGACCCGAAA	GATGGTGAAC	TATGCCTGGG	CAGGGCGAAG	CCAGAGGAAA	CTCTGGTGGG	GGTCCGTAGC	GGTCCTGACG	TGCAAATCGG	TCGTCCGACC	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888	8888888888
-----	6666666667	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777778
-----	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	-----
-----	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	CGGGTATAGG	GGCGAAAGAC	TAATCGAACC	ATCTAGTAGC	TGGTTCCTC	CGAAGTTTCC	CTCAGGATAG	CTGGCGCTCG	GGGCGGCGGT	GCAGTTTTAC	CCGGTAAAGC	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	CGGGTATAGG	GGCGAAAGAC	TAATCGAACC	ATCTAGTAGC	TGGTTCCTC	CGAAGTTTCC	CTCAGGATAG	CTGGCGCTCG	GGGCGGCGGT	GCAGTTTTAC	CCGGTAAAGC	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	CGGGTATAGG	GGCGAAAGAC	TAATCGAACC	ATCTAGTAGC	TGGTTCCTC	CGAAGTTTCC	CTCAGGATAG	CTGGCGCTCG	GGGCGGCGGT	GCAGTTTTAC	CCGGTAAAGC	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	CGGGTATAGG	GGCGAAAGAC	TAATCGAACC	ATCTAGTAGC	TGGTTCCTC	CGAAGTTTCC	CTCAGGATAG	CTGGCGCTCG	GGGCGGCGGT	GCAGTTTTAC	CCGGTAAAGC	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CGGGTATAGG	GGCGAAAGAC	TAATCGAACC	ATCTAGTAGC	TGGTTCCTC	CGAAGTTTCC	CTCAGGATAG	CTGGCGCTCG	GGGCGGCGGT	GCAGTTTTAC	CCGGTAAAGC	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	AGTGGGCCAC	TTTTGGTAAG	CAGAACTGGC	GCTGCGGGAT	GAACCGAACG	CCGGGTAAAG	GCGCCCGATG	CCGACGCTCA	TCAGAGCCCA	GAAAAGGTGT	TGGTTGATCT
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	AGTGGGCCAC	TTTTGGTAAG	CAGAACTGGC	GCTGCGGGAT	GAACCGAACG	CCGGGTAAAG	GCGCCCGATG	CCGACGCTCA	TCAGAGCCCA	GAAAAGGTGT	TGGTTGATCT
	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999
	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000001	1111111111	1111111111	1111111111
	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	AGACAGCAGG	ACGGTGGCCA	TGGAAGTCGG	AGCCCGCTAA	GGAGTGTGTA	ACAACCTACC	TGCCGAATCA	ACTAGCCCTG	AAAATGGATG	GCGCTGGAGC	GTCGGGCCCA
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	AGACAGCAGG	ACGGTGGCCA	TGGAAGTCGG	AACCCGCTAA	GGAGTGTGTA	ACAACCTACC	TGCCGAATCA	ACTAGCCCTG	AAAATGGATG	GCGCTGGAGC	GTCAGGCCCA
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	AGACAGCAGG	ACGGTGGCCA	TGGAAGTCGG	AACCCGCTAA	GGAGTGTGTA	ACAACCTACC	TGCCGAATCA	ACTAGCCCTG	AAAATGGATG	GCGCTGGAGC	GTCGGGCCCA
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	AGACAGCAGG	ACGGTGGCCA	TGGAAGTCGG	AACCCGCTAA	GGAGTGTGTA	ACAACCTACC	TGCCGAATCA	ACTAGCCCTG	AAAATGGATG	GCGCTGGAGC	GTCGGGCCCA

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-AGGTGCAGA	TCTTGGTGGT	AGTA-CAACT	ATTCAAACGA	GAGCTTTGAA	GGCCGAAGTG	GAGCAGGGTT	CCATGTGAAC	AGCAGTTGAA	CATGGGTCAG	TCGGTCCTAA	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	CAGGTGCAGA	TCTTGGTGGT	AGTAGCAACT	ATTCAAACGA	GAGCTTTGAA	GGCCGAAGTG	GAGCAGGGTT	CCATGTGAAC	AGCAGTTGAA	CATGGGTCAG	TCGGTCCTAA	-----
AADN03001775	-----	-----	-----	----AAACGA	GAGCTTTGAA	GGCCGAAGTG	GAGCAGGGTT	CCATGTGAAC	AGCAGTTGAA	CATGGGTCAG	TCGGTCCTAA	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	CAGGTGCAGA	TCTTGGTGGT	AGTAGCAACT	ATTCAAACGA	GAGCTTTGAA	GGCCGAAGTG	GAGCAGGGTT	CCATGTGAAC	AGCAGTTGAA	CATGGGTCAG	TCGGTCCTAA	-----
	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999
	3333333333	3333333333	3333333333	3333333333	3333333334	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444	4444444444
	5555555556	6666666667	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	-----
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	GCGATAGGCG	AGCGCCGTTT	CGAAGG-ACG	GGCGATGGCC	TCCGTTGCC	TCAGCCGATC	GAAAGGGAGT	CGGGTTCAGA	TCCCCGAATC	CGGAGCGGCG	GAGACGGGCG	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	GCGATAGGCG	AGCGCCGTTT	CGAAGGGACG	GGCGATAGCC	TCCGTTGCC	TCAGCCGATC	GAAAGGGAGT	CGGGTTCAGA	TCCCCGAATC	CGGGGCGGCG	GAGACGGGCG	-----
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	GCGATAGGCG	AGCGCCGTTT	CGAAGGGACG	GGCGATGGCC	TCCGTTGCC	TCAGCCGATC	GAAAGGGAGT	CGGGTTCAGA	TCCCCGAATC	CGGAGCGGCG	GAGACGGGCG	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	GCGATAGGCG	AGCGCCGTTT	CGAAGGGACG	GGCGATGGCC	TCCGTTGCC	TCAGCCGATC	GAAAGGGAGT	CGGGTTCAGA	TCCCCGAATC	CGGAGCGGCG	GAGACGGGCG	-----
AADN03001775	GCGATAGGCG	AGCGCCGTTT	CGAAGGGACG	GGCGATGGCC	TCCGTTGCC	TCAGCCGATC	GAAAGGGAGT	CGGGTTCAGA	TCCCCGAATC	CGGAGCGGCG	GAGACGGGCG	-----
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	GCGATAGGCG	AGCGCCGTTT	CGAAGGGACG	GGCGATGGCC	TCCGTTGCC	TCAGCCGATC	GAAAGGGAGT	CGGGTTCAGA	TCCCCGAATC	CGGAGCGGCG	GAGACGGGCG	-----

AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001774	CCCAGAGAG	GGGCCCGCGC	CTTGGAAAGC	GTCGCGGTTC	CGGCGGCGTC	CGGTGAGCTC	TCGCTGGCCC	GTGAAAATCC	GGGGGAGAGG	GTGTAAATCT	CGCGCCGGGC	
AADN03001775	CCCAGAGAG	GGGCCCGCGC	CTTGGAAAGC	GTCGCGGTTC	CGGCGGCGTC	CGGTGAGCTC	TCGCTGGCCC	GTGAAAATCC	GGGGGAGAGG	GTGTAAATCT	CGCGCCGGGC	
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Gallus_gallus_KT445934.2	CCCAGAGAG	GGGCCCGCGC	CTTGGAAAGC	GTCGCGGTTC	CGGCGGCGTC	CGGTGAGCTC	TCGCTGGCCC	GTGAAAATCC	GGGGGAGAGG	GTGTAAATCT	CGCGCCGGGC	
	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	9999999999	
	6666666666	6666666667	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	
	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889	
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
FM165415	CGTACCCATA	TCCGCAGCAG	GTCTCCAAGG	T-----	-----	-----	-----	-----	-----	-----	-----	
AADN03000430	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001784	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001774	CGTACCCATA	TCCGCAGCAG	GTCTCCAAGG	TGAACAGCCT	CTGGCATGTT	GGACCAATGT	AGGTAAGGGA	AGTCGGCAAG	CCGGATCCGT	AACTTCGGGA	TAAGGATTGG	
AADN03001775	CGTACCCATA	TCCGCAGCAG	GTCTCCAAGG	TGAACAGCCT	CTGGCATGTT	GGACCAATGT	AGGTAAGGGA	AGTCGGCAAG	CCGGATCCGT	AACTTCGGGA	TAAGGATTGG	
EF552813	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
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AADN03019346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AADN03001776	-----	-----	-----	-----	-----CT	CTGGCATGTT	GGACCAATGT	AGGTAAGGGA	AGTCGGCAAG	CCGGATCCGT	AACTTCGGGA	TAAGGATTGG
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Gallus_gallus_KT445934.2	CGTACCCATA	TCCGCAGCAG	GTCTCCAAGG	TGAACAGCCT	CTGGCATGTT	GGACCAATGT	AGGTAAGGGA	AGTCGGCAAG	CCGGATCCGT	AACTTCGGGA	TAAGGATTGG	


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AADN03001783 -----
DQ018754 -----
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AADN03001670 -----
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AADN03001775 -----
EF552813 -----
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DQ018756 -----
AF173612 -----
Gallus_gallus_KT445934.2 CGGCTTAGAA CTGGTGC GGA CCAGGGGAAT CCGACTGTTT AATTAAAACA AAGCATCGCG AAGGCCCGCG GCGGGTGTG ACACGATGTG ATTTCTGCC AGTGCTCTGA

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AADN03001783 -----
DQ018754 -----
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JN639848 -----
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HQ873432 -----
AADN03001774 -----
AADN03001775 -----
EF552813 -----
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DQ018756 -----
AF173612 -----
Gallus_gallus_KT445934.2 ATGTCAAAGT GAAGAAATTC AATGAAGCGC GGGTAAACGG CGGGAGTAAC TATGACTCTC TTAAGGTAGC CAAATGCCTC GTCATCTAAT TAGTGACGCG CATGAATGGA

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FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	TGGCGCTGTG	AAGAGACATG	AGAGGTGTAG	AATAAGTGGG	AGGCCCGCG	GTCGCGCGAC	CCGCGCCGCG	GCCCGGCCGC	CGGTGAAATA	CCACTACTCT	GATCGTTTTT
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	6666666666	6666666666	6666666667	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
	7777777778	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778
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AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03022685	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03001776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Gallus_gallus_KT445934.2	TCACTTACCC	GGTGAGGCGG	GGGGGCGAGC	CCCCGAGGGC	TCTCGCTTCT	GGCGCCAAGC	GCCCCGGCGG	CGCCGGGCGC	GACCCGCTCC	GGGGACAGCG	TCAGGTGGGG
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	8888888889	9999999990	0000000001	1111111112	2222222223	3333333334	4444444445	5555555556	6666666667	7777777778	8888888889
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
AADN03001677	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001778	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001785	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001786	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001788	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03014081	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03015064	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03026634	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001782	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	AGTTTGACTG	GGGCGGTACA	CCTGTCAAAG	CGTAACGCAG	GTGTCTTAAG	GCGAGCTCAG	GGAGGCCAGA	AACCTCCCGT	GGAGCAGAAG	GGCAAAAGCT	CGCTTGATCT
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NW_003775878	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018752	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165415	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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AADN03001783	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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JN639848	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001670	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001774	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AADN03001775	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AF173612	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gallus_gallus_KT445934.2	TGATTTTCAG	TACGAATACA	GACCGTGAAA	GCGGGGCCTC	ACGATCCTTC	TGACTTTTTG	GGTTTTAAGC	AGGAGGTGTC	AGAAAAGTTA	CCACAGGGAT	AACTGGCTTG
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DQ018757	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DQ112354	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
FM165414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018754	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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HQ873432	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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DQ018756	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----


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AADN03001776 -----
DQ018756 -----
AF173612 -----
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