

翁茁先, 黄佳琼, 张仕豪, 余锴纯, 钟福生, 黄勋和, 张彬. 利用线粒体 *COI* 基因揭示中国乌骨鸡遗传多样性和群体遗传结构. 生物多样性, 2019, 27(6): 667–676.
<http://www.biodiversity-science.net/CN/10.17520/biods.2019013>

附录2 家鸡(含乌骨鸡)和红原鸡线粒体*COI*基因的单倍型及其在不同品种的分布。Red: 红原鸡; DC:家鸡(不含乌骨鸡); BC: 乌骨鸡。

Appendix 2 Variable sites and distributions of 41 *COI* haplotypes, and frequency of occurrence among domestic chickens (including black-bone chicken) and red junglefowls. Red, Red junglefowl; DC, Domestic chicken (excluding black-bone chickens); BC, Black-bone chicken.

单倍型	变异位点	单倍型在品种的分布(频率)	合计
Haplotype	Variation sites	Haplotype distribution in breeds (frequency)	Total
	6666666666666666666666667777777777777777777777777777		
	777777777888888899900000011111222233333		
	11134566700446890970112233035581569367788		
	02595925207074216657273628246925193351467		
AP003321	ACAGATATGGTTATTAACCTGGCAGTTAAAGCAGCGCTCCA		
H1	.....	Red17, BC116, DC17	150
H2	T.....	BC1	1
H3	.....C..C....G.....	BC66, DC8	74
H4	T.....C..C....G.....	BC2	2
H5	C.....T.....	BC1	1
H6	....G..C..C....G.....	BC1	1
H7	.....T.....	BC22, DC45	67
H8	.....G.....A.....	Red1, BC20, DC4	25
H9	.....G.....T.....	Red3, BC8, DC2	13
H10	.....C.....	BC4	4
H11	....G.....C.G.....A.....	BC1	1
H12	.G..G.....G.....T.....	BC1	1
H13	.....C.....	Red1, BC1	2
H14	.....G.....	BC2	2
H15	.....G..C.....	BC1	1
H16	.....TG	BC1	1
H17	.....C..C....G.....G.....	BC2	2
H18	.....T.....T..	BC1	1
H19	.....C..C....G.....G.....	BC2	2
H20	.....CA.C....G.....	BC1	1
H21	.....A.....T.....	BC1	1
H22	.....C....G.....	BC1	1
H23	.....A.....	BC1	1
H24G.....T.....	BC5, DC1	6
H25T.....	DC1	1
H26C.....T.....	DC1	1
H27C....T.....	DC1	1
H28G.....G.....	BC1	1
H29	..C.....	DC1	1
H30T.....T.....	DC2	2

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单倍型	变异位点	单倍型在品种的分布(频率)	合计
Haplotype	Variation sites	Haplotype distribution in breeds (frequency)	Total
H31	..... A.....	DC1	1
H32	..... C.....	Red1, DC1	2
H33	.... C..... A...G.....	Red1	1
H34	... A.....	DC1	1
H35	..... A.....	DC1	1
H36	..... G.....	Red2, DC3	5
H37	..... A..... G..... T.	DC1	1
H38	..... G..... T.....	DC1	1
H39	..... T..... T....	DC1	1
H40	..... A.....	Red1	1
H41	..... T..... C...	Red1	1