



HOKKAIDO UNIVERSITY

Title	Inter- and intra-specific differences in muscarinic acetylcholine receptor expression in the neural pathways for vocal learning in songbirds
Author(s)	Asogwa, Norman C.; Mori, Chihiro; Sanchez-Valpuesta, Miguel et al.
Citation	The journal of comparative neurology, 526(17), 2856-2869 https://doi.org/10.1002/cne.24532
Issue Date	2018-12-01
Doc URL	https://hdl.handle.net/2115/76219
Rights	This is the peer reviewed version of the following article: The journal of comparative neurology. Volume526, Issue17, December 1, 2018. Pages 2856-2869, which has been published in final form at https://doi.org/10.1002/cne.24532 . This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Use of Self-Archived Versions.
Type	journal article
File Information	PCR primers numbers used to clone chr2-5.pdf



Gene	Accession #	Forward primer	Reverse primer	Amplified fragment length (bp)
chrn2	MH316766	5'-ATGAACCTGTACACCCTTTAC-3'	5'-GTCATTACAAGAATATAGGAGC-3'	1108
chrn3	MH316767	5'-GGGTGGACACACTATCTGG-3'	5'-CACTTTCAAGATGCTGCT-3'	1463
chrn4	MH316768	5'-ATTTCCTCTTCAGCCTGGCC-3'	5'-TGTC AACAGCACCATCAACC-3'	1100
chrn5	MH316769	5'-CCTGTGCAGATCTTATCATTG-3'	5'-AGAGAAACTATATTGGCAGGG-3'	1309

Table 1: PCR primers used for cloning mAChRs in zebra finch