**Supplementary information**

**Inter- and intra-specific differences in muscarinic acetylcholine receptor expression in the neural pathways for vocal learning in songbirds**

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**Supplementary figure 1**

**Location of cloned cDNA fragments for chrm2−5 in the zebra finch genome**



**Supplementary figure 2**

**Absolute expressions of chrm2 and 4 in telencephalic and thalamic subregions**

Chrm2 (top) and 4 (bottom) mRNA absolute expression level in cN, Arch, rN, Str, and DLM, respectively, at different stages of song development. Data: mean ± s.e.m.



**Supplementary figure 3**

CV of chrm2 mRNA absolute expression level in HVC and cN, respectively.