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| **knockouts** |
| **nAChR subunit** | **homology arm** | **oligonucleotides name (Forward/Reverse)** | **oligonucleotides sequence** |
| *nAChRα1* | Da1\_LHA | Da1\_LHA\_F1 | 5’TGGGGCGACAAAATAGCATG3’ |
|  |   | Da1\_LHA\_R1 | 5’GGGGAAATGGGCCAACAAAT3’  |
| *nAChRα1* | Da1\_RHA | Da1\_RHA\_F1 | 5’GCAGATACTTTCCCAGCAGC3’ |
|  |   | Da1\_RHA\_R1 | 5’CCGCGTCCTTGACTACTTTG3’ |
| *nAChRα2* | Da2\_LHA | Da2\_LHA\_F1 | 5’ACGAAATGCAAAACCGAGCT3’ |
|  |   | Da2\_LHA\_R2 | 5’CCCAATTTGACCAACACCGT3’ |
| *nAChRα2* | Da2\_RHA | Da2\_RHA\_F1 | 5’GCGGGCAGAAAGGTAAACAA3’ |
|  |   | Da2\_RHA\_R1 | 5’TCACCTGATCACCGTCGTAG3’  |
| *nAChRα3* | Da3\_LHA | Da3\_LHA\_F1 | 5’CTCCAGCCGTTCCCAAATCT3’  |
|  |   | Da3\_LHA\_R1 | 5’CAATCTGTGGGTGGAGCAGT3’ |
| *nAChRα3* | Da3\_RHA | Da3\_RHA\_F1 | 5’CTGCTCGTCGAAGGGAAAGT3’ |
|  |   | Da3\_RHA\_R1 | 5’GATCCGAGCCAGACTAAGCC3’  |
| *nAChRα4* | Da4\_LHA | Da4\_LHA\_F1 | 5’GATGAACAACAGGGCAGCAA3’ |
|  |   | Da4\_LHA\_R1 | 5’CAAAACAACAACCGTCACGC3’  |
| *nAChRα4* | Da4\_RHA | Da4\_RHA\_F1 | 5’TTAGAGCGTAACAGTGGGCG3’ |
|  |   | Da4\_RHA\_R1 | 5’ACGCCTACAAACCGGACAAA3’ |
| *nAChRα5* | Da5\_LHA | Da5\_LHA\_F1 | 5’ACCGCATTCCTGTCGCATAT3’  |
|  |   | Da5\_LHA\_R1 | 5’CAGGACGACGTTGGCTTACT3’ |
| *nAChRα5* | Da5\_RHA | Da5\_RHA\_F1  | 5’GGATCTTCAAGTCGACGTGC3’ |
|  |   | Da5\_RHA\_R1 | 5’GAGGGTGTGGCTGGATTTTC3’ |
| *nAChRα6* | Da6\_LHA | Da6\_LHA\_F1 | 5’GTGTACGGGTGTGAGACAGA3’  |
|  |   | Da6\_LHA\_R1 | 5’TCACACATTGCTTGCCGAAA3’ |
| *nAChRα6* | Da6\_RHA | Da6\_RHA\_F1 | 5’GTCAGTTTCTCGCCCGAATC3’  |
|  |   | Da6\_RHA\_R1 | 5’CCGAGAGTTGACTGTAGCCA3’ |
| *nAChRα7* | Da7\_LHA | Da7\_LHA\_F1 | 5’TGTAAACCCTAGCAGTGCCA3’ |
|  |   | Da7\_LHA\_R1 | 5’TATGATACCGGGTGAGTGCC3’  |
| *nAChRα7* | Da7\_RHA | Da7\_RHA\_F1 | 5’CATCCGGTTTCCATAGGCGA3’ |
|  |   | Da7\_RHA\_R1  | 5’ACGGAAATCACAATGCCCCT3’  |
| *nAChRβ1* | Db1\_LHA | Db1\_LHA\_F1 | 5’TCATCAACAGCAGGCAGAGA3’ |
|  |   | Db1\_LHA\_R1 | 5’TGGCAATGAGAGCTTGGAGA3’ |
| *nAChRβ1* | Db1\_RHA | Db1\_RHA\_F1 | 5’CTGCAAATCCTGGCTGTTGT3’ |
|  |   | Db1\_RHA\_R1 | 5’GTGTGTGTGTGTGTGGTCTC3’  |
| *nAChRβ2* | Db2\_LHA | D2b\_LHA\_F1  | 5’TCAACTCAGGACAGCACACA3’  |
|  |   | D2b\_LHA\_R1  | 5’ACCACCACTTTCCTAGCTCC3’ |
| *nAChRβ2* | Db2\_RHA | D2b\_RHA\_F1  | 5’CCCATCGCAACTTGTAGTCG3’ |
|  |   | D2b\_RHA\_R1  | 5’CATTCGTCCAGGTAAGTGCG3’ |
| *nAChRβ3* | Db3\_LHA | Db3\_LHA\_F1 | 5’AACGGTTCCGATGACTTCCT3’  |
|  |   | Db3\_LHA\_R1 | 5’TGAGCATGTTGAGTTCGCAG3’  |
| *nAChRβ3* | Db3\_RHA | Db3\_RHA\_F1 | 5’TCCTTCGTCCTCTCCTTCGT3’  |
|  |   | Db3\_RHA\_R1 | 5’TTCTGCGGGAAACTACGACC3’ |

## Supplementary Figure 7. List of oligonucleotides used for amplification from genomic DNA.

**Supplementary File 7. Continued, List of oligonucleotides used for amplification from genomic DNA.**

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| **C-terminal tagging** |
| **nAChR subunit** | **homology arm** | **oligonucleotides name (Forward/Reverse)** | **oligonucleotides sequence** |
| *nAChRα6* | Da6\_RHA | 74\_Da6\_RHA\_F\_Gen  | 5’GGGTTTCTGTTCTTGCGCTG3’ |
|  |   | 75\_Da6\_RHA\_R\_Gen  | 5’GCCCTGCTGATTTGTTTGCT3’ |
| *nAChRα6* | Da6\_LHA | 76\_Da6\_LHA\_F\_Gen  | 5’CCGATGCTTCCGACGTATCC3’ |
|  |   | 77\_Da6\_LHA\_R\_Gen  | 5’GCCATACTAGCGCATGACTCT3’ |