

S3 Table. Oligonucleotides used in this study.

Oligo number	Sequence	Target
HK558	5'-tcc CCGCGG TGGGCTTCTCTAGCTC-3'	<i>ARX1</i> forward (SacII site)
HK562	5'-GTTCTCCAGTGAG-3'	<i>ARX1</i> reverse
HK974	5'- taatacgactcactataggg GCTTAAGTTCAGCGGGTACTCCTACC-3'	<i>RDN25</i> reverse (T7 promoter)
HK1138	5'-AGGTAGGAGTACCCGCTGAA-3'	<i>RDN25</i> forward
HK1139	5'- taatacgactcactataggg ATGGAATTTACCACCCACTTAGAGC-3'	<i>RDN25</i> reverse (T7 promoter)
HK1140	5'-GTGAAACTGCGAATGGCTCATTAAAT-3'	<i>RDN18</i> forward
HK1141	5'- taatacgactcactataggg AATCGAACCTTATTCCCCGTTA-3'	<i>RDN18</i> reverse (T7 promoter)
HK1485	5'-tat CCGCGG TGCCCAAGTCAAGCCTAC-3'	<i>RPL11B</i> forward (SacII site)
HK1486	5'-cta CTCGAG cTTTATCGAGCACATCAGCG-3'	<i>RPL11B</i> reverse (XhoI site)
HK1723	5'-CGAGCCGTTTATGTCCAACG-3'	<i>LSR1</i> forward
HK1724	5'- taataggactcactatagg GCCGATACTTGGGGGATAAG-3'	<i>LSR1</i> reverse (T7 promoter)
HK1893	5'-GTAGGTGAACCTGCGGAAGG-3'	<i>RDN18</i> forward
HK1894	5'- taatacgactcactataggg GCACAGAAATCTCTCACCGTTG-3'	<i>ITS1</i> reverse (T7 promoter)
HK1895	5'-GCCTGTTTGAGCGTCATTTCTTCTC-3'	<i>RDN5.8/ITS2</i> forward
HK2200	5'-GAACAGGACGTCATAGAGGGTGAGAATCCC GTGTGGCGAGGAGTGCGGTT[Cyanine3]-3'	<i>RDN25</i> probe