

Gene	Locus (hg19)	Forward primer	Reverse primer	hg19 product length	Long reads
<i>MAOA</i>	chrX:43514348-43514468	GGCTACACCCACG TCTACTC	CACTCTTGGAGTC GGAGTCA	679	Y
<i>IL1RN</i>	chr2:113888105-113888449	ATTCCTGTCTCTGG TAGTTCCTCC	AGAGGGGAGGGTC AGGTAAAT	701	Y
<i>GP1BA</i>	chr17:4837118-4837278	AGGACTGTGGTCA AGTTCCC	GCTTTGGTGGCTG ATCAAGT	586	Y
<i>DRD4</i>	chr11:639988-640180	CCGTGTGCTCCTT CTTCCTA	GACAGGAACCCAC CGACC	481	Y
<i>SLC6A4</i>	chr17:28564157-28564483	AGGGACTGAGCTG GACAAC	AGGCAGCAGACAA CTGTGTT	632	Y
<i>JAKMIP3</i>	chr10:133954073-133954190	CAAACAGACAGGA CGGACC	GTGCCCGAGTCAG CTATCA	249	N
<i>SRSF8</i>	chr11:94800727-94800790	CAGGTGGCGCGCT ATG	GAGACCGGCTATA GCGAGAA	214	N
<i>SSTR1</i>	chr14:38679763-38679811	CGTCTTCCGTAAT GGCACCT	CCCTGGATACCGT CCCTTT	153	N
<i>C14orf180</i>	chr14:105055118-105055145	CCTATACTGCGGC CGGG	CCTAGTTAGCCCT CAGGCAG	265	N
<i>EIF3G</i>	chr19:10229726-10229768	GGCAGAAGGGGAA AAACAGA	AGCTGACTCCTCC TTCCTAC	247	N
<i>STK39</i>	chr2:169103796-169103845	AACTGTTGAAGCC AGTAGGC	AGTTTCAAGTGGA AGGTCGT	408	N
<i>BRWD1</i>	chr21:40585353-40585415	TGCCCTATTTGTT CATTGGACT	TCCTTGCCAACAA GTCACTAC	249	N
<i>CSTB</i>	chr21:45196323-45196359	GAGGCACTTTGGC TTCGGA	GCGCCCGAAAGA CGATA	193	N
<i>UBXN11</i>	chr1:26608801-26608909	GCCTTTCCTACGT GCCTG	AGATCTTCAGCAC ATTCCCG	321	N
<i>CLCA4</i>	chr1:87045895-87045932	CTCAGAAGAAAAT GCAACCCAC	CACAGACAATACC AGCGTAGA	214	N
<i>LCE4A</i>	chr1:152681679-152681727	ATCCCCAAGTATC CCCCAAA	GACCTATGGTGTC TGTGGTG	152	N
<i>PAOX</i>	chr10:135202324-135202464	CAGTGTTTCCTTG CTGAGAA	GGCAATGAACCCA CAGAGAA	214	N

Table S3: **Primer for gel electrophoresis.** Last column shows whether we used the primers were used for a long range PCR. We used long range PCR to validate adVNTR calls on longer VNTRs (using PacBio reads).