

RNA probes for DAT, VGLUT2, and GABAA, GAD1

1. DAT

```
1  ggccagacca agaggggaaga agcacagaat tcctcaactc ccagtgtgcc catgagtaag
61  agcaaatgct ccgtgggact catgtcttcc gtggtggccc cggctaagga gcccaatgcc
121 gtgggcccga aggaggtgga gtcatacctt gtcaaggagc agaacggagt gcagctcacc
181 agctccaccc tcaccaaccc gcggcagagc cccgtggagg cccaggatcg ggagacctgg
241 ggcaagaaga tcgactttct cctgtccgtc attggctttg ctgtggacct ggccaacgtc
301 tggcgggttc cctacctgtg ctacaaaaat ggtggcggtg ccttcctggt ccctacctg
361 ctcttcattg tcattgtctg gatgccactt ttctacatgg agctggccct cggccagttc
421 aacagggaag gggccgctgg tgtctggaag atctgcccc aactgaaagg tgtgggcttc
481 acggtcatcc tcattctact gtatgtcggc ttcttctaca acgtcatcat cgcttgggcg
541 ctgcaactatc tcttctctc cttcaccacg gagctcccct ggatccactg caacaactcc
601 tggaacagcc ccaactgtc ggatgcccat cctggtgact ccagtggaga cagctcgggc
661 ctcaacgaca cttttgggac cacacctgtc gccgagtact ttgaacgtgg cgtgctgcac
721 ctccaccaga gccatggcat cgacgacctg gggcctccgc ggtggcagct cacagcctgc
781 ctggtgctgg tcactgtgct gctctacttc agcctctgga agggcgtgaa gacctcaggg
841 aaggtggtat ggatcacagc caccatgcca tacgtggtcc tcaactgccct gctcctgcgt
901 ggggtcaccc tccctggagc catagacggc atcagagcat acctgagcgt tgactttctac
961 cggctctgcg aggcgtctgt ttggattgac gggccacccc aggtgtgctt ctccctgggc
1021 gtggggttcg ggggtgctgat cgcttctctc agctacaaca agttcaccaa caactgtctac
1081 agggacgcga ttgtcaccac ctccatcaac tccttgacga gcttctctc cggcttctgc
1141 gtcttctcct tcctggggtg catggcacag aagcacagtg tgcccatcgg ggacgtggcc
1201 aaggacgggc cagggtctgat cttcatcacc taccgggaag ccacgccac gctccctctg
1261 tcctcagcct gggccgtggt cttcttctac atgctgctca cctgggtat cgacagcgcc
1321 atgggtggtg tggagtcagt gatcacggg ctcacgatg agttccagct gctgcacaga
1381 caccgtgagc tcttcacgct cttcatcgtc ctggcgacct tcctcctgtc cctgttctgc
1441 gtcaccaacg gtggcatcta cgtcttctac ctcctggacc attttgagc cggcacgtcc
1501 atcctctttg gactgtctat cgaagccatc ggagtggcct ggttctatgg tgttggcgag
1561 ttacgcagc acatccagca gatgaccggg cagcgcccca gcctgtactg gcggtgtgc
1621 tggaagctgg tcagccctg ctttctctg ttctgtgctg tggtcagcat tgtgacctc
1681 agaccccccc actacggagc ctacatcttc cccgactggg ccaacgcgct gggctgggtc
1741 atcgccacat cctccatggc catggtgccc atctatgcg cctacaagtt ctgcagcctg
1801 cctgggtcct ttcgagagaa actggcctac gccattgcac ccgagaagga ccgtgagctg
1861 gtggacagag gggaggtgcg ccagttcagc ctccgccact ggctcaaggt gtagaggag
1921 cagagacgaa gaccccagga agtcacctg caatgggaga gacacgaaca aaccaaggaa
1981 atctaagttt cgagagaaa gagggcaact tctactcttc aacctctact gaaaacacaa
2041 acaacaaagc agaagactcc tctcttctga ctgtttacac ctttccgtgc cgggagcgca
2101 cctcgccgtg tcttgtgttg ctgtaataac gacgtagatc tgtgcagcga ggtccacccc
2161 gttgttgtcc ctgcagggca gaaaaacgtc taacttcatg ctgtctgtgt gaggctccct
2221 ccctccctgc tccctgctcc cggctctgag gctgccccag gggcactgtg ttctcaggcg
2281 gggatcacga tccttgtaga cgcacctgct gagaatcccc gtgctcacag tagcttctta
2341 gaccattttac tttgcccata ttaaaaagcc aagtgtcctg cttgggttag ctgtgcagaa
2401 ggtgaaatgg aggaaccac aaattcatgc aaagtccctt cccgatgcgt ggctcccagc
2461 agaggccgta aattgagcgt tcagttgaca cattgcacac acagtctgtt cagaggcatt
2521 ggaggatggg ggtcctggta tgtctacca ggaattctg tttatgttct tgcagcagag
2581 agaaataaaa ctccttgaaa ccagctcagg ctactgccac tcaggcagcc tgtgggtcct
2641 tgcggtgtag ggaacggcct gagaggagcg tgtctatcc cggacgcat gcaggggccc
2701 cacaggagcg tgtctatcc cggacgcat gcaggggccc cacaggagcg tgtactaccc
2761 cagaacgcat gcag
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2. VGLUT2

1 agctattctg ttgtactctc tttctgccc tccctcccct ctccaactca cagccttget
61 ggaaagctca cctctgctga gaagaaaaag ctctacctta accaactaag actatgcgca
121 gaatccgtct ttcatagcca caacaattta aatctggtaa ggctggacac cagtctttac
181 aagaatggag tcggtaaaac aaaggatttt ggccccgggg aaagagggga taaagaattt
241 tgctggaaaa tccctcggac agatctacag ggtgctggag aagaagcagg acaaccgaga
301 gaccatcgag ctgacagagg acggtaaagcc cctggagggtg cctgagaaga aggctccgct
361 atgcgactgc acgtgcttcg gcctgccgcg ccgctacatc atagccatca tgagcggcct
421 cggcttctgc atatccttcg gcatccgctg taacctgggc gtggccatcg tggacatggt
481 caacaacagc actatccacc gcggaggcaa agttatcaag gaaaaagcca aatttaactg
541 ggaccccgag accgtgggga tgatccacgg atcgttcttc tggggctata tcatacccca
601 gattccagga ggatatatcg catcgcggtt ggctgctaac cgggtctttg gggctgcgat
661 actgctcacc tctaccctca atatgctgat cccatctgca gccagagtgc attatggatg
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781 tgggatattg agcaagtggg cccctccctt ggagaggagt aggttggcta caacctcctt
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901 cactggatgg tcgtcagtat tttatgtgta tggaaagctt ggcatggtct ggtacatggt
961 ctggcttctg gtgtcttatg agagccctgc aaagcctcct accattacag atgaagaacg
1021 taggtacata gaggagagca ttggagagag cgcaaatctg ctagggtcaa tggaaaaatt
1081 taagacccca tggaggaagt ttttcacatc catgcccgct tacgcgataa ttgttgccaa
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1201 ggttttttga tttgaaatca gcaaggttgg catgttctct gcagtccttc acctgtcat
1261 gacaatcatt gtgcctatcg gggggcaaat tgcagatttc ctaaggagca agcaaaattc
1321 ctcaacaact acagttagaa agatcatgaa ttgtgggggt tttggcatgg aagccacgct
1381 gcttctggtt gttggctact ctcatactag aggggtggcc atctccttct tgggtcttgc
1441 agtaggatc agtggatttg ctatctctgg ttccaatgtt aatcacttgg atattgtccc
1501 aagatatgcc agtatcttaa tgggcatttc aaatggcggt ggacacgctg cggggatggt
1561 ttgccctatc attgttgggt caatgacaaa gaataagtcc cgtgaagaat ggcagtatgt
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1681 aggagagaaa caaccttggg cagaccctga ggaacaagc gaagaaaaat gtggcttcat
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1801 taccacaaa tcttacggtg ctacctaca ggagaatgga ggctggccta acggctggga
1861 gaaaaaggaa gaatttgtgc aagaaggtgc gcaagacgcg tacacctata aggaccgaga
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2221 caccatttta gagagcacia ctacaacagt tggcacatgt catcctacag aagttaggaa
2281 gccaaagcta ctggatcatg caaactgcac ttatttatta cactggactg caaactatcc
2341 cagggaaagc ctgtctagag acatagtgga acaggaaaga tggctagatc aggtattgac
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2461 tagctagcaa actgtactga actcttacta ggagtgcaca gtgtgtgata ttttgtgatc
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2581 gaatgagagc ttgtaaaggg aggggtatgc tccatgctcc cccattcact acctgacagt
2641 atcaaacctt tcacatttca ataaaaatcca actttcatgt aacatatcac ataactttt
2701 ttttttcaa aaaaataaga agaaatagac ttcaatgtat tttttattac aactttgtac
2761 tggttgtaac ttgcattagg aaaaaatgat taatatatgt ataatacaca agaatacatt
2821 aaaaatttac tatgatgata tagcccttaa aatgcaatat taacaaaaa aatgaaaaa
2881 ttagataatc ttcccttgata actagagact atatgaaact catgccaca agctatatat
2941 aatatgaaga gataaacaat agagattcta tatgtagaca attttattac ctaatgtccc
3001 acataagaga tatttgcctt gagtatatag tacaaaaata attaaatta tatctacatc
3061 cctgtatatc ttatacatat ccaactcac gaacataaca aatacttttc acacagaacc
3121 aaaaacaagc atacacctaa tgttgggttt ggggattgca atttctactt tcatagagtc
3181 atagaatttt agatggaaaa aaaaaagcat tttgctcgtc atttcttaat ataattcaac
3241 aggaactgca acatttgtgt accaagcaat aagtgcgaag cataaaacct cctgtgtgta
3301 aattatcccc atgttgcctt tggtagcagt gatttttttt ttttaaaaaa gttaacctca
3361 gagctctttt taatgttttg cgtgataag aatgcacatc ccaatttact gcaaatgtc
3421 acctggtgtg tttacctgtc agttttgggt atttgatctg tctgggtgct tgtgctcttg
3481 actggaggcc ctgctactgc aaatatacaa tgtgaagttt gtttttaaat gcaaacacct
3541 cctgacctta agaaactgaa gtccctctct gctttgtgtc tcagagtact atcatgtgac
3601 cataaccttt gctgtgctga gtaaaagagt gtgaactgtc attttgttgc tgcaaaacaa
3661 gtgttaataa aatgttcttt tttaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa
3721 aaaaaaaaa

3. GABAA

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1  gggaagcaaa tttgggtatg aaatctctag tgcaggagca cgcagagtcc atgatggctc
61  aaaccgtgtg agtgagcgcg gcgcgaggac gccctccgcc cggcgcgccc gcgctcgcac
121 actcgcgcag ctccggctca ccgcgatcct ctctcccaca cttttctccc gggctctggag
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241 tctctctgac tatctttggg cctggaccct cattctgagc actctctcgg gaagaagcta
301 tggacagccc tccaagatg aacttaagga caacaccact gtcttcacga ggattttgga
361 ccgactgctg gatggttatg acaatcgtct gagaccaggc ttgggagagc gtgtaactga
421 agtgaagacg gacatctttg tcaccagttt cggaccctg tccagaccag atatggaata
481 tacaatagat gtgtttttcc gccaaagctg gaaggatgaa agattaaaat tcaaaggacc
541 catgacagtg ctccggctga acaacctgat ggccagtaaa atctggactc cagatacatt
601 tttccacaat ggaaaaaagt ctgtggccca caacatgacc atgcccaata aactcctgcg
661 tatcacagag gatggcacac tgctgtacac catgaggttg actgtgagag ccgatgcccc
721 atgcacttag aagactttcc atggattgcc atgctgccac taaaattggg agctatgcta
781 t

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4. GAD1

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1  gtaagcagcc ctggggtgac acccatcacg tactcctgtt gacagagccg agtcccagcc
61  cagccccgtg gacgcttcgc agaggagtgc cggtaggggg tccagctcgc tgcgctgaa
121 ccgagcctgt tcctgcgccc agtctgcggg ggaccctttg aaccgtagag accccaagac
181 caccgagctg atggcatctt ccactccttc gcctgcaacc tcctcgaacg cgggagcggg
241 atcctaatac atagcaacct gcgccctaca acgttatgat acttgtgtgt ggcgtagccc
301 caatggatgc accagaaaac tgggcctgca agatctgttg cattcgttac aaacggacca
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421 agaaccttgc tttcctgtga taaccttga ccagggtgcc cgacttccgg aggcacagag
481 accgacttct ccaaacctgt ttgcctcaag atctgcttac caggcctaac gaacggggag
541 gagcaaaact gcgcagcttc ttgctcgga gtagggtagac aatactcctt cacacttatt
601 gtccgacagg aacacttttg attcgctcca gccacagggt actggaattt caagcgacgc
661 cacacaccgt ttgctggaag agccattgca caagggtttt cactgtggaa gctgtgcttg
721 acccaccctg acgttcactc ggcatgcagg aatcctggct agacggtcga cgcaccc

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