SEQUENCE LISTING

<110> Regeneron Pharmaceuticals, Inc.
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<120> NON-HUMAN ANIMAL EXHIBITING DIMINISHED UPPER AND LOWER MOTOR NEURON FUNCTION AND SENSORY PERCEPTION

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<150> 62/133,909
<151> 2015-03-16

<150> 62/250,229
<151> 2015-11-03

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Ser Gly Lys Glu Gly Thr Asn Arg Thr Leu Pro Asn Pro Pro Gln Val
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acc cac cag caa gcc ccc cac cac aga cac att ctg aag ctg ctg cca       1384
Thr His Gln Gln Ala Pro His His Arg His Ile Leu Lys Leu Leu Pro
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tcg tcc atg gag gcc acg ggt gag aag tcc agc aca gcc atc aag gcc       1432
Ser Ser Met Glu Ala Thr Gly Glu Lys Ser Ser Thr Ala Ile Lys Ala
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Pro Lys Arg Gly His Pro Arg Gln Asn Ala His Lys His Phe Asp Ile
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aac gag cac ttg cct tgg atg atc gtc ctc ttc ctt ctg ctg gtc ctg       1528
Asn Glu His Leu Pro Trp Met Ile Val Leu Phe Leu Leu Leu Val Leu
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gtg ctg ata gtg gtg tgc agt atc cga aag agc tcc agg act ctc aaa       1576
Val Leu Ile Val Val Cys Ser Ile Arg Lys Ser Ser Arg Thr Leu Lys
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aag ggg ccc cgg cag gat ccc agc gcc ata gtg gaa aag gcg ggg ctg       1624
Lys Gly Pro Arg Gln Asp Pro Ser Ala Ile Val Glu Lys Ala Gly Leu
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aag aag tcc ctg act ccc acc cag aac cgg gag aaa tgg atc tac tac       1672
Lys Lys Ser Leu Thr Pro Thr Gln Asn Arg Glu Lys Trp Ile Tyr Tyr
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cgc aac ggc cat ggt att gac atc ttg aag ctt gta gca gcc cag gtg       1720
Arg Asn Gly His Gly Ile Asp Ile Leu Lys Leu Val Ala Ala Gln Val
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gga agc cag tgg aag gac atc tat cag ttt ctt tgc aac gcc agc gag       1768
Gly Ser Gln Trp Lys Asp Ile Tyr Gln Phe Leu Cys Asn Ala Ser Glu
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agg gag gtg gcg gcc ttc tcc aat gga tac act gca gat cat gaa cgg       1816
Arg Glu Val Ala Ala Phe Ser Asn Gly Tyr Thr Ala Asp His Glu Arg
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gcc tac gcg gct ctg cag cac tgg acc atc cgt ggc cct gag gcc agc       1864
Ala Tyr Ala Ala Leu Gln His Trp Thr Ile Arg Gly Pro Glu Ala Ser
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ctt gcc cag ctc att agc gcc ttg cgc cag cac cga cgc aat gat gtt       1912
Leu Ala Gln Leu Ile Ser Ala Leu Arg Gln His Arg Arg Asn Asp Val
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gtg gag aag att cgt ggg ctg atg gaa gac acc acg cag ttg gaa aca       1960
Val Glu Lys Ile Arg Gly Leu Met Glu Asp Thr Thr Gln Leu Glu Thr
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gac aaa ctg gct ctc ccc atg agc ccc agt ccg ctt agc ccg agc ccc       2008
Asp Lys Leu Ala Leu Pro Met Ser Pro Ser Pro Leu Ser Pro Ser Pro
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Met Pro Ser Pro Asn Val Lys Leu Glu Asn Ser Thr Leu Leu Thr Val
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gag ccc ctt ctg cga tgc gac tcc aca tcc agt ggc tct tca gca ctg       2152
Glu Pro Leu Leu Arg Cys Asp Ser Thr Ser Ser Gly Ser Ser Ala Leu
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Ser Arg Asn Gly Ser Phe Ile Thr Lys Glu Lys Lys Asp Thr Val Leu
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Arg Gln Val Arg Leu Asp Pro Cys Asp Leu Gln Pro Ile Phe Asp Asp
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Met Leu His Ile Leu Asn Pro Glu Glu Leu Arg Val Ile Glu Glu Ile
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Pro Gln Ala Glu Asp Lys Leu Asp Arg Leu Phe Glu Ile Ile Gly Val
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Lys Ser Gln Glu Ala Ser Gln Thr Leu Leu Asp Ser Val Tyr Ser His
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Cys Pro Trp Pro Met Ile Glu Arg Leu Pro Cys Ala Ala Leu Thr Asp
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Arg Glu Cys Ile Cys Pro Pro Gly Met Tyr Gln Ser Asn Gly Thr Cys
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Ala Pro His Thr Val Cys Pro Val Gly Trp Gly Val Arg Lys Lys Gly
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Thr Glu Asn Glu Asp Val Arg Cys Lys Gln Cys Ala Arg Gly Thr Phe
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Ser Asp Val Pro Ser Ser Val Met Lys Cys Lys Ala His Thr Asp Cys
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Leu Gly Gln Asn Leu Glu Val Val Lys Pro Gly Thr Lys Glu Thr Asp
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Asn Val Cys Gly Met Arg Leu Phe Phe Ser Ser Thr Asn Pro Pro Ser
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Ser Gly Thr Val Thr Phe Ser His Pro Glu His Met Glu Ser His Asp
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Val Pro Ser Ser Thr Tyr Glu Pro Gln Gly Met Asn Ser Thr Asp Ser
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Asn Ser Thr Ala Ser Val Arg Thr Lys Val Pro Ser Gly Ile Glu Glu
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Gly Thr Val Pro Asp Asn Thr Ser Ser Thr Ser Gly Lys Glu Gly Thr
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Asn Arg Thr Leu Pro Asn Pro Pro Gln Val Thr His Gln Gln Ala Pro
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His His Arg His Ile Leu Lys Leu Leu Pro Ser Ser Met Glu Ala Thr
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Gly Glu Lys Ser Ser Thr Ala Ile Lys Ala Pro Lys Arg Gly His Pro
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Arg Gln Asn Ala His Lys His Phe Asp Ile Asn Glu His Leu Pro Trp
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Met Ile Val Leu Phe Leu Leu Leu Val Leu Val Leu Ile Val Val Cys
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Ser Ile Arg Lys Ser Ser Arg Thr Leu Lys Lys Gly Pro Arg Gln Asp
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Pro Ser Ala Ile Val Glu Lys Ala Gly Leu Lys Lys Ser Leu Thr Pro
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Thr Gln Asn Arg Glu Lys Trp Ile Tyr Tyr Arg Asn Gly His Gly Ile
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Asp Ile Leu Lys Leu Val Ala Ala Gln Val Gly Ser Gln Trp Lys Asp
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Ile Tyr Gln Phe Leu Cys Asn Ala Ser Glu Arg Glu Val Ala Ala Phe
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Ser Asn Gly Tyr Thr Ala Asp His Glu Arg Ala Tyr Ala Ala Leu Gln
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Asp Ser Thr Ser Ser Gly Ser Ser Ala Leu Ser Arg Asn Gly Ser Phe
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Ile Thr Lys Glu Lys Lys Asp Thr Val Leu Arg Gln Val Arg Leu Asp
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Pro Cys Asp Leu Gln Pro Ile Phe Asp Asp Met Leu His Ile Leu Asn
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