SEQUENCE LISTING

<110> SOLID BIOSCIENCES INC.

<120> COMBINATION THERAPY FOR TREATING MUSCULAR DYSTROPHY

<130> 129159-01120

<140> PCT/US2019/065718
<141> 2019-12-11

<150> 62/778,646
<151> 2018-12-12

<160> 39

<170> PatentIn version 3.5

<210> 1
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 1
gtatcaaggt tacaagacag gtttaaggag accaatagaa actgggcttg tcgagacaga 60

gaagactctt gcgtttctga taggcaccta ttggtcttac tgacatccac tttgcctttc 120

tctccacag 129

<210> 2
<211> 217
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

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gtatcaaggt tacaagacag gtttaaggag accaatagaa actgggcttg tcgagacaga 60

tctcttacac aggctgaccg atttctcctg gtgttcagag tctgtttttg tctagcacca 120

tttgaaatcg gttatgatgt agggggaaga agactcttgc gtttctgata ggcacctatt 180

ggtcttactg acatccactt tgcctttctc tccacag 217

<210> 3
<211> 88
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 3
atctcttaca caggctgacc gatttctcct ggtgttcaga gtctgttttt gtctagcacc 60

atttgaaatc ggttatgatg taggggga 88

<210> 4
<211> 722
<212> DNA
<213> Homo sapiens

<400> 4
agacagcctg ggaggggaga aggagttgga gctcaagttg gagacagcga ggagaaacct 60

gccatagcca gggtgtgtct ttgatcctct tcaggaggtg aggagaagcc agaggtcctt 120

ggtgtgccct cagaaatctg cctgcagttc tcaccaagcc gctgtgaaaa tggggataaa 180

cacccgggag ctgtttctca acttcactat tgtcttgatt acggttattc ttatgtggct 240

ccttgtgagg tcctatcagt actgagaggc catgccatgg tcctgggatt gactgagatg 300

ctccggagct gcctgctcta tgccctgaga ccccactgct gtcattgtca caggatgcca 360

ttctccatcc gagggcacct gtgacctgca ctcacaatat ctgctatgct gtagtgctag 420

gattgattat gtgttctcca aagatgctgc tcccaagggc tgccaagtgt ttgccaggga 480

acggtagatt tattccccaa ctcttaactg aaaatgtgtt agacaagcca caaagttaaa 540

attaaactgg attcatgatg atgtaggatt gttacaagcc cctgatctgt ctcaccacac 600

atcccttcaa cccacacggt ctgcaaccaa actctaattc aacctgccag aaggaatgtt 660

agaggaagtc tttgtcagcc cttatagcta tcatgtgaat aaagttaagt caacttcaaa 720

aa 722

<210> 5
<211> 31

<212> PRT
<213> Homo sapiens

<400> 5
Met Gly Ile Asn Thr Arg Glu Leu Phe Leu Asn Phe Thr Ile Val Leu
1 5 10 15

Ile Thr Val Ile Leu Met Trp Leu Leu Val Arg Ser Tyr Gly Tyr
20 25 30

<210> 6
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 6
accgatttca aatggtgcta ga 22

<210> 7
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 7
tctagcacca tttgaaatcg gtta 24

<210> 8
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 8
gtgaagccac agatg 15

<210> 9

<211> 206
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 9
cagccactat gggtctaggc tgcccatgta aggaggcaag gcctggggac acccgagatg 60

cctggttata attaacccag acatgtggct gctccccccc cccaacacct gctgcctgag 120

cctcaccccc accccggtgc ctgggtctta ggctctgtac accatggagg agaagctcgc 180

tctaaaaata accctgtccc tggtgg 206

<210> 10
<211> 358
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 10
gctgtggggg actgagggca ggctgtaaca ggcttggggg ccagggctta tacgtgcctg 60

ggactcccaa agtattactg ttccatgttc ccggcgaagg gccagctgtc ccccgccagc 120

tagactcagc acttagttta ggaaccagtg agcaagtcag cccttggggc agcccataca 180

aggccatggg gctgggcaag ctgcacgcct gggtccgggg tgggcacggt gcccgggcaa 240

cgagctgaaa gctcatctgc tctcaggggc ccctccctgg ggacagcccc tcctggctag 300

tcacaccctg taggctcctc tatataaccc aggggcacag gggctgcccc cgggtcac 358

<210> 11
<211> 9
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown:
"LAGLIDADG" family peptide motif sequence

<400> 11
Leu Ala Gly Leu Ile Asp Ala Asp Gly

1 5

<210> 12
<211> 157
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 12
tcgacttctt aacccaacag aaggctcgag aaggtatatt gctgttgaca gtgagcgtaa 60

ccgatttcaa atggtgctat agtgaagcca cagatgtata gcaccatttg aaatcggtta 120

tgcctactgc ctcggacttc aaggggctag aattcga 157

<210> 13
<211> 159
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 13
tcgacttctt aacccaacag aaggctcgag aaggtatatt gctgttgaca gtgagcgaac 60

ttcactattg tcttgattac tagtgaagcc acagatgtag taatcaagac aatagtgaag 120

tttgcctact gcctcggact tcaaggggct agaattcga 159

<210> 14
<211> 159
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 14
tcgacttctt aacccaacag aaggctcgag aaggtatatt gctgttgaca gtgagcgaac 60

acccgggagc tgtttctcaa tagtgaagcc acagatgtat tgagaaacag ctcccgggtg 120

tttgcctact gcctcggact tcaaggggct agaattcga 159

<210> 15
<211> 153
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 15
ggttaaccca acagaaggct aaagaaggta tattgctgtt gacagtgagc gactagcacc 60

atttgaaatc ggttactgtg aagccacaga tgggtaaccg attaaatggt gctagctgcc 120

tactgcctcg gacttcaagg ggctacttta gga 153

<210> 16
<211> 204
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 16
ccaccagaaa ggatgccgtt gaccgacaca gtgactgaca ggctgccctg gcgaaccgat 60

ttcaaatggt gcataccgtc tattctaaag gtagcaccat ttgaaatcgg ttaggatggc 120

agccatctta ccttccatca gaggagcctc accgtaccca ggaagaaaga aggtgaaaga 180

ggaatgtgaa acaggtggct ggga 204

<210> 17
<211> 133
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 17
cctggaggct tgctgaaggc tgtatgctgt agcaccattt gaaatcggtt attttggcct 60

ctgactgatg accgctggaa tggtgctaca ggacacaagg cctgttacta gcactcacat 120

ggaacaaatg gcc 133

<210> 18
<211> 135
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 18
cctggaggct tgctgaaggc tgtatgctgt agcaccattt gaaatcggtt agttttggcc 60

actgactgac taaccgatca aatggtgcta caggacacaa ggcctgttac tagcactcac 120

atggaacaaa tggcc 135

<210> 19
<211> 133
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 19
cctggaggct tgctgaaggc tgtatgctgg tgatgaggac aactgtgaag gttttggcca 60

ctgactgacc ttcacaggtc ctcatcacca ggacacaagg cctgttacta gcactcacat 120

ggaacaaatg gcc 133

<210> 20
<211> 137
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 20
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cactgactga caacttcact tgtcctcatc accaggacac aaggcctgtt actagcactc 120

acatggaaca aatggcc 137

<210> 21
<211> 137
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 21
cctggaggct tgctgaaggc tgtatgctgg taatcaagac aatagtgaag ttgttttggc 60

cactgactga caacttcact tgtcttgatt accaggacac aaggcctgtt actagcactc 120

acatggaaca aatggcc 137

<210> 22
<211> 139
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 22
cctggaggct tgctgaaggc tgtatgctgt tgagaaacag ctcccgggtg ttgttttggc 60

cactgactga caacacccgg gagctgtttc tcaacaggac acaaggcctg ttactagcac 120

tcacatggaa caaatggcc 139

<210> 23
<211> 215
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 23
ggacaggaga gatgctgcaa gcccaagaag ctctctgctc agcctgtcac aacctactga 60

ctgccagggc acttgggaat ggcaaggtag caccatttga aatcggttac gatttcaaat 120

ggtgctgtct tgctataccc agaaaacgtg ccaggaagag aactcaggac cctgaagcag 180

actactggaa gggagactcc agctcaaaca aggca 215

<210> 24
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 24
gatcgtaacc gatttcaaat ggtgctagcc ctgacccagc tagcaccatt tgaaatcggt 60

tatttttga agct 74

<210> 25
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 25
gatcgacttc acagttgtcc tcatcactcg agtgatgagg acaactgtga agctttttg 60

aagct 65

<210> 26
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 26
gatcgacttc acagttgtcc tcatcactca agaggtgatg aggacaactg tgaagttttt 60

tgaagct 67

<210> 27
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 27
taggaagtct tttaataaaa gatccttatt ttcattggat ctgtgtgttg gttttttgtg 60

t 61

<210> 28
<211> 698
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 28
tcagatccaa gctttagact agcatgctgc ccatgtaagg aggcaaggcc tggggacacc 60

cgagatgcct ggttataatt aacccagaca tgtggctgcc ccccccccc caacacctgc 120

tgcctctaaa aataaccctg catgccatgt tcccggcgaa gggccagctg tcccccgcca 180

gctagactca gcacttagtt taggaaccag tgagcaagtc agcccttggg gcagcccata 240

caaggccatg gggctgggca agctgcacgc ctgggtccgg ggtgggcacg gtgcccgggc 300

aacgagctga aagctcatct gctctcaggg gcccctccct ggggacagcc cctcctggct 360

agtcacaccc tgtaggctcc tctatataac ccaggggcac aggggctgcc ctcattctac 420

caccacctcc acagcacaga cagacactca ggagccagcc aaaactagtg tatcaaggtt 480

acaagacagg tttaaggaga ccaatagaaa ctgggcttgt cgagacagat ctcttacaca 540

ggcacttcac agttgtcctc atcacagagt ctgtttttgt cagtgatgag gacaactgtg 600

aagtgatgta gggggaagaa gactcttgcg tttctgatag gcacctattg gtcttactga 660

catccacttt gcctttctct ccacaggcct ctagaacc 698

<210> 29
<211> 698
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 29
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cgagatgcct ggttataatt aacccagaca tgtggctgcc ccccccccc caacacctgc 120

tgcctctaaa aataaccctg catgccatgt tcccggcgaa gggccagctg tcccccgcca 180

gctagactca gcacttagtt taggaaccag tgagcaagtc agcccttggg gcagcccata 240

caaggccatg gggctgggca agctgcacgc ctgggtccgg ggtgggcacg gtgcccgggc 300

aacgagctga aagctcatct gctctcaggg gcccctccct ggggacagcc cctcctggct 360

agtcacaccc tgtaggctcc tctatataac ccaggggcac aggggctgcc ctcattctac 420

caccacctcc acagcacaga cagacactca ggagccagcc aaaactagtg tatcaaggtt 480

acaagacagg tttaaggaga ccaatagaaa ctgggcttgt cgagacagat ctcttacaca 540

ggcagtgatg aggacaactg tgaagagagt ctgtttttgt cacttcacag ttgtcctcat 600

cactgatgta gggggaagaa gactcttgcg tttctgatag gcacctattg gtcttactga 660

catccacttt gcctttctct ccacaggcct ctagaacc 698

<210> 30
<211> 685
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 30
tcagatccaa gctttagact agcatgctgc ccatgtaagg aggcaaggcc tggggacacc 60

cgagatgcct ggttataatt aacccagaca tgtggctgcc ccccccccc caacacctgc 120

tgcctctaaa aataaccctg catgccatgt tcccggcgaa gggccagctg tcccccgcca 180

gctagactca gcacttagtt taggaaccag tgagcaagtc agcccttggg gcagcccata 240

caaggccatg gggctgggca agctgcacgc ctgggtccgg ggtgggcacg gtgcccgggc 300

aacgagctga aagctcatct gctctcaggg gcccctccct ggggacagcc cctcctggct 360

agtcacaccc tgtaggctcc tctatataac ccaggggcac aggggctgcc ctcattctac 420

caccacctcc acagcacaga cagacactca ggagccagcc aaaactagtg tatcaaggtt 480

acaagacagg tttaaggaga ccaatagaaa ctgggcttgt cgagacagat ctcttacaca 540

ggcacttcac agttgtcctc atcactcgag tgatgaggac aactgtgaag tgatgtaggg 600

ggaagaagac tcttgcgttt ctgataggca cctattggtc ttactgacat ccactttgcc 660

tttctctcca caggcctcta gaacc 685

<210> 31
<211> 685
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 31
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cgagatgcct ggttataatt aacccagaca tgtggctgcc ccccccccc caacacctgc 120

tgcctctaaa aataaccctg catgccatgt tcccggcgaa gggccagctg tcccccgcca 180

gctagactca gcacttagtt taggaaccag tgagcaagtc agcccttggg gcagcccata 240

caaggccatg gggctgggca agctgcacgc ctgggtccgg ggtgggcacg gtgcccgggc 300

aacgagctga aagctcatct gctctcaggg gcccctccct ggggacagcc cctcctggct 360

agtcacaccc tgtaggctcc tctatataac ccaggggcac aggggctgcc ctcattctac 420

caccacctcc acagcacaga cagacactca ggagccagcc aaaactagtg tatcaaggtt 480

acaagacagg tttaaggaga ccaatagaaa ctgggcttgt cgagacagat ctcttacaca 540

ggcgaagtgt caacaggagt agtgagctca ctactcctgt tgacacttca tgatgtaggg 600

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tttctctcca caggcctcta gaacc 685

<210> 32
<211> 76
<212> DNA
<213> Homo sapiens

<400> 32
ggagctgttt ctcaacttca ctattgtctt gattacggtt attcttatgt ggctccttgt 60

gaggtcctat cagtac 76

<210> 33
<211> 76
<212> DNA
<213> Mus sp.

<400> 33
ggagctgttt atcaacttca cagttgtcct catcaccgtt ctccttatgt ggctcctcgt 60

gaggtcctac caatac 76

<210> 34
<211> 96
<212> DNA
<213> Mus sp.

<400> 34
atggagaggt ctactcagga gctgtttatc aacttcacag ttgtcctcat caccgttctc 60

cttatgtggc tcctcgtgag gtcctaccaa tactga 96

<210> 35
<211> 96
<212> DNA
<213> Homo sapiens

<400> 35
atggggataa acacccggga gctgtttctc aacttcacta ttgtcttgat tacggttatt 60

cttatgtggc tccttgtgag gtcctatcag tactga 96

<210> 36
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 36
gtatcaaggt tacaagacag gtttaaggag accaatagaa actgggcttg tcgagacaga 60

gaagactctt gcgtttctga taggcaccta ttggtcttac tgacatccac tttgcctttc 120

tctccacag 129

<210> 37
<211> 157
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 37
ucgacuucuu aacccaacag aaggcucgag aagguauauu gcuguugaca gugagcguaa 60

ccgauuucaa auggugcuau agugaagcca cagauguaua gcaccauuug aaaucgguua 120

ugccuacugc cucggacuuc aaggggcuag aauucga 157

<210> 38
<211> 254
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 38
gaucuuuuag uccuucacuu caugggggagc cuucagagag aguaaugcag ccaccagaaa 60

ggaugccguu gaccgacaca gugacugaca ggcugcccug gcgaaccgau uucaaauggu 120

gcauaccguc uauucuaaag guagcaccau uugaaaucgg uuaggauggc agccaucuua 180

ccuuccauca gaggagccuc accguaccca ggaagaaaga aggugaaaga ggaaugugaa 240

acagguggcu ggga 254

<210> 39
<211> 72
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 39

cuugggaaug gcaagguagc accauuugaa aucgguuacg auuucaaaug gugcugucuu 60

gcuauaccca ga 72