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<130> N419824W0

<150> US 63/064,431

<151> 2020-08-12

<160> 24

<170> PatentIn version 3.5

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<211> 229

<212> DNA

<213> Artificial Sequence

<220>

<223> MeCP2 minimal promoter

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<223> MeCP2_2 intron

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<220>
 <223> MeCP2_2 intron - exon1

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 <212> DNA

<213> Artificial Sequence

<220>

<223> MeCP2_2 intron - 5' intron

<400> 5

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<211> 962

<212> DNA

<213> Artificial Sequence

<220>

<223> MeCP2_2 intron - 3' intron

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 <223> MeCP2_2 intron - exon2

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 <223> MeCP2_1 intron

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Ser Cys Pro Val Gly Gln Thr Cys Cys Pro Ser Leu Gly Gly Ser Trp
450 455 460

Ala Cys Cys Gln Leu Pro His Ala Val Cys Cys Glu Asp Arg Gln His
465 470 475 480

Cys Cys Pro Ala Gly Tyr Thr Cys Asn Val Lys Ala Arg Ser Cys Glu
485 490 495

Lys Glu Val Val Ser Ala Gln Pro Ala Thr Phe Leu Ala Arg Ser Pro

500

505

510

His Val Gly Val Lys Asp Val Glu Cys Gly Glu Gly His Phe Cys His
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Asp Asn Gln Thr Cys Cys Arg Asp Asn Arg Gln Gly Trp Ala Cys Cys
 530 535 540

Pro Tyr Arg Gln Gly Val Cys Cys Ala Asp Arg Arg His Cys Cys Pro
 545 550 555 560

Ala Gly Phe Arg Cys Ala Ala Arg Gly Thr Lys Cys Leu Arg Arg Glu
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Ala Pro Arg Trp Asp Ala Pro Leu Arg Asp Pro Ala Leu Arg Gln Leu
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Leu

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<220>
 <223> Age1 restriction site

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6

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