**Hart et al. Supplemental File 1 - Complete Plasmid Sequences**

>Py0489\_PyWT-GFPmut2

LOCUS pSL0489\_\_final\_ 7758 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py0489 = Py17XNL WT-GFP

COMMENT ApEinfo:methylated:1

FEATURES Location/Qualifiers

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7741 tttccttcaa tttcgatg

//

>Py1115\_PyWT-mScarlet

LOCUS pSL1115\_\_final\_ 7837 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1115 = Py17XNL WT-mScarlet

COMMENT ApEinfo:methylated:1

FEATURES Location/Qualifiers

exon 6814..7377

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LOCUS pSL1065 6892 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1065 = Py17XNL deletion of pynot1-g

COMMENT ApEinfo:methylated:1

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>Py1061\_*pynot1-*

LOCUS pSL1061\_\_final\_ 6929 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1061 = Py17XNL deletion of pynot1

COMMENT ApEinfo:methylated:1

FEATURES Location/Qualifiers

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181 CATACAATTA TTATACTATG AACCAATATA TTATATATAT ATATATATAT AATATATATA

241 TATAATGAGT GCATATGATA AATATACTTA ATAAACATAA CCAGAAAACA TATTCTCTTA

301 CCATTTTAAA GAAATTCACA CATTAAATTT GTATATATAT TAAATATATT ATATAATATA

361 TTATATTATA TATATTAATA TTGTAAATAT TTATTTTGCC ATATATTATA TTAGCTTATA

421 TGTAATTACG TACAGTATAG CGCAACGAGT ATTTGAATAA ATTTTTCTTT TAATCAACCT

481 TATTATATTT TTTCATAGAT AATTTTTTTA TTTTTTATTT CCTTTTCATT GATATATTTT

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601 TTCAATATAT ATGCATATAT AATAATTATT TATAATTTTT TTTTAACAAG TTTTTAAACA

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781 TAAAAATAAA ATAAGTAACA AAAGAGAAGA TATAACGCAT TTATGTACAT ATAATATATT

841 TATCGTTGTA CAATTGTAAA TATGAATTTT TACATATCAA AATATGAGAA TGGATTACCA

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2221 gcttgtctgc tcccggcatc cgcttacaga caagctgtga ccgtctccgg gagctgcatg

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> Py1042\_PyNOT1-G::GFP

LOCUS pSL1042\_\_final\_ 6754 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1042 = Py17XNL PyNOT1-G::GFP

COMMENT

COMMENT ApEinfo:methylated:1

FEATURES Location/Qualifiers

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2041 GATGGCCCTG TCCTTTTACC AGACAACCAT TACCTGTCCA CACAATCTGC CCTTTCGAAA

2101 GATCCCAACG AAAAGAGAGA CCACATGGTC CTTCTTGAGT TTGTAACAGC TGCTGGGATT

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> Py1023\_PyNOT1::GFP

LOCUS pSL1023\_\_final\_ 6767 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1023 = Py17XNL PyNOT1::GFP

COMMENT

COMMENT ApEinfo:methylated:1

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//

>Py1125\_PyNOT1-G\_TTPbd::GFP\_Overexpression

LOCUS pSL1125\_\_final\_ 8361 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1125 = Py17XNL Overexpression of

PyNOT1-G's TTP-binding domain fused to GFP, expressed from p230p

locus

COMMENT ApEinfo:methylated:1

FEATURES Location/Qualifiers

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//

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LOCUS pSL1299 9313 bp DNA circular 21-APR-2021

SOURCE

ORGANISM

COMMENT Lindner Lab - used to create Py1299 = Py17XNL PyNOT1-G replaces

TTP-binding domain with GFPmut2

COMMENT

COMMENT ApEinfo:methylated:1

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1981 TTTAAAATGT TTATAATATG ATTAGCATAG TTAAATAAAA AAAGTTGAAA AATTAAAAAA

2041 AAACATATAA ACACAAATGA TGTTTTTTCC TTCAATTTcg gcgcctgatg cggtattttc

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2161 ctgatgccgc atagttaagc cagccccgac acccgccaac acccgctgac gcgccctgac

2221 gggcttgtct gctcccggca tccgcttaca gacaagctgt gaccgtctcc gggagctgca

2281 tgtgtcagag gttttcaccg tcatcaccga aacgcgcgag acgaaagggc ctcgtgatac

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2581 tttttgctca cccagaaacg ctggtgaaag taaaagatgc tgaagatcag ttgggtgcac

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3181 cggcccttcc ggctggctgg tttattgctg ataaatctgg agccggtgag cgtgggtctc

3241 gcggtatcat tgcagcactg gggccagatg gtaagccctc ccgtatcgta gttatctaca

3301 cgacggggag tcaggcaact atggatgaac gaaatagaca gatcgctgag ataggtgcct

3361 cactgattaa gcattggtaa ctgtcagacc aagtttactc atatatactt tagattgatt

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4621 atattcatac tttaagtatt ttttgtagta tcctagatat tgtgctttaa atgctcaccc

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6421 TTTAAATTGG AGTATAAAAA TCATCCCAAA ATAAACTAAA AATACACACA TTAATAAGAT

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7381 TACTTTATAT GTAAAGTTTT CATAAAATCA TAATAACTAC GCAGTTATAA TAAGTTAAAA

7441 AGGGAAAATG AAAAGAAAAA AAATATATTT TTCTATATGT GTGTGCATAT ATATTGTATA

7501 TATATATTTA TAATCATAAA CAAAATAAGG CAAAAAAAAA TACCAAAAAA AAATAATAAA

7561 AAATAAAATA AATAAATAAC CTCCAAAAAA ATAGAAAACA ATCCAAACAA GCCAAACATA

7621 CCAAACATAC CAAACTTAGC AATCACAGCT GAAATTAAAA AAATAACAAA CACACCAAAT

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8881 ATAACAATAA CAACCTTAAT AATGATAATA TGCTATTATA TATTAACAAT ATTCTACCAA

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9181 TTAATACAAA CGAACCAACA CATATTAATA GGAACATAAA TCTAGTAACA AATAATATGA

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9301 ATATAAATAT GCC

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