**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

 exon 6735..7298

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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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>Py1065\_*pynot1-g-*

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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 6721 tattattatt atttttactg ttataattat gttgtctctt caatgattca taaatagttg

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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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 121 ATACGACTTA AAAGGTATAG AAACGCCGAA TTCTCAAACT GTATATATGG ATATTATGCA

 181 CATACAATTA TTATACTATG AACCAATATA TTATATATAT ATATATATAT AATATATATA

 241 TATAATGAGT GCATATGATA AATATACTTA ATAAACATAA CCAGAAAACA TATTCTCTTA

 301 CCATTTTAAA GAAATTCACA CATTAAATTT GTATATATAT TAAATATATT ATATAATATA

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 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

 661 GTTAAATCCG TATTTAGTAT ATATGTTTTT TTAATATATA TAAGTATATG TATGTGTTAT

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 781 TAAAAATAAA ATAAGTAACA AAAGAGAAGA TATAACGCAT TTATGTACAT ATAATATATT

 841 TATCGTTGTA CAATTGTAAA TATGAATTTT TACATATCAA AATATGAGAA TGGATTACCA

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 1081 CACTTGTCAC TACTTTCGCG TATGGTCTTC AATGCTTTGC GAGATACCCA GATCATATGA

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 1261 TTGTTAATAG AATCGAGTTA AAAGGTATTG ATTTTAAAGA AGATGGAAAC ATTCTTGGAC

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 1381 ATGGAATCAA AGTTAACTTC AAAATTAGAC ACAACATTGA AGATGGAAGC GTTCAACTAG

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 1861 GATATTTATG GAACATAATA TGTTTGAAAC AATAAGACAA AATTATTATT ATTATTATTA

 1921 TTTTTACTGT TATAATTATG TTGTCTCTTC AATGATTCAT AAATAGTTGG ACTTGATTTT

 1981 TAAAATGTTT ATAATATGAT TAGCATAGTT AAATAAAAAA AGTTGAAAAA TTAAAAAAAA

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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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> 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

FEATURES Location/Qualifiers

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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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//

>Py1299\_PyNOT1-G\_DTTPbd

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

FEATURES Location/Qualifiers

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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

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 2581 tttttgctca cccagaaacg ctggtgaaag taaaagatgc tgaagatcag ttgggtgcac

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 2881 gcagtgctgc cataaccatg agtgataaca ctgcggccaa cttacttctg acaacgatcg

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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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 7021 ATATATATAT ATATACATAA TTAATATATT TTTAGTGCAT ATAAATGTAC TTATTTAATT

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 8881 ATAACAATAA CAACCTTAAT AATGATAATA TGCTATTATA TATTAACAAT ATTCTACCAA

 8941 ACCTCTCAAA TATAACAGAT AAAAATACTA TACCATCAAA TATAAATAAT TTACAAGCCA

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 9061 CAGCCATTAA TAATATTAAC AATCTTAATA GTGCATATAA TATTAACTTA TTAGACAATA

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