

Znak sprawy: **DZP.220.32.2019.SR**

załącznik nr 3 do zaproszenia z dnia 03.07.2019

Nr. rej.: ZPU.20.2019

SEKWENCJE OLIGONUKLEOTYDÓW I PLAZMIDÓW

Dotyczy pakietu 13 - Synteza oligonukleotydów

Forward Primer

ITS4-mod	AATGATACGGCGACCACCGAGATCTACACTATGGTAATTAAGCCTCCGCTTATTGATATGCTTAART
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Reverse, Indexed Primers

5.8S-Fun_1	CAAGCAGAAGACGGCATACGAGATCGTACCAGATCCAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_2	CAAGCAGAAGACGGCATACGAGATATGTTTAGACGGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_3	CAAGCAGAAGACGGCATACGAGATACATGTACGTGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_4	CAAGCAGAAGACGGCATACGAGATCTTTAGCGCTGGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_5	CAAGCAGAAGACGGCATACGAGATCTGGTCTTACGGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_6	CAAGCAGAAGACGGCATACGAGATCAAGTCGAATACAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_7	CAAGCAGAAGACGGCATACGAGATGCAAGTGTGAGGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_8	CAAGCAGAAGACGGCATACGAGATCTCGGTCAACCAAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_9	CAAGCAGAAGACGGCATACGAGATACCCTATTGCGGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_10	CAAGCAGAAGACGGCATACGAGATTCCGTTCTGTTAAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_11	CAAGCAGAAGACGGCATACGAGATACCACCGTAACCAAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_12	CAAGCAGAAGACGGCATACGAGATCATTTGCACTTAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_13	CAAGCAGAAGACGGCATACGAGATTTAAGCGCCTGAAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_14	CAAGCAGAAGACGGCATACGAGATTGCGGGATTGATAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_15	CAAGCAGAAGACGGCATACGAGATCAAACTGCGTTGAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT
5.8S-Fun_16	CAAGCAGAAGACGGCATACGAGATTTAGACTCGGAAAGTCAGTCAGGGAACCTTYYRCAAYGGATCWCT

5.8S-Fun_17	CAAGCAGAAGACGGCATAACGAGATGACCGATAGGGAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_18	CAAGCAGAAGACGGCATAACGAGATGGCGAACTGAAGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_19	CAAGCAGAAGACGGCATAACGAGATCGGCACTATCACAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_20	CAAGCAGAAGACGGCATAACGAGATAGGTGGTGGAGTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_21	CAAGCAGAAGACGGCATAACGAGATATCCCAGAACGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_22	CAAGCAGAAGACGGCATAACGAGATAGACGTTGCTACAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_23	CAAGCAGAAGACGGCATAACGAGATAGAATAGCGCTTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_24	CAAGCAGAAGACGGCATAACGAGATAAGCGTACATTGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_25	CAAGCAGAAGACGGCATAACGAGATGTTATGACGGATAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_26	CAAGCAGAAGACGGCATAACGAGATAGCCTCATGATGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_27	CAAGCAGAAGACGGCATAACGAGATGTGTATCGCCACAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_28	CAAGCAGAAGACGGCATAACGAGATCCAACTCGTCGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_29	CAAGCAGAAGACGGCATAACGAGATACGTGAGGAACGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_30	CAAGCAGAAGACGGCATAACGAGATTGAATCGAAGCTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_31	CAAGCAGAAGACGGCATAACGAGATCTGCAGTAAGTAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_32	CAAGCAGAAGACGGCATAACGAGATTATAGGCTCCGCAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_33	CAAGCAGAAGACGGCATAACGAGATATCGTGTGTTGGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_34	CAAGCAGAAGACGGCATAACGAGATCTTCCGCAGACAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_35	CAAGCAGAAGACGGCATAACGAGATGCACTATACGCAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_36	CAAGCAGAAGACGGCATAACGAGATTCTGGGCATTGAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_37	CAAGCAGAAGACGGCATAACGAGATCCAATGATAAGCAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_38	CAAGCAGAAGACGGCATAACGAGATTTAAACCGCGCCAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_39	CAAGCAGAAGACGGCATAACGAGATCTTGATACCGGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_40	CAAGCAGAAGACGGCATAACGAGATGTGCACGATAATAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_41	CAAGCAGAAGACGGCATAACGAGATGGTCTAGGTCTAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_42	CAAGCAGAAGACGGCATAACGAGATTCAGGACGTATCAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_43	CAAGCAGAAGACGGCATAACGAGATGAAAGGTGAGAAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_44	CAAGCAGAAGACGGCATAACGAGATGAATATACCTGGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_45	CAAGCAGAAGACGGCATAACGAGATGTCGCTTGACAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_46	CAAGCAGAAGACGGCATAACGAGATTCTACCACGAAGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT

5.8S-Fun_47	CAAGCAGAAGACGGCATACGAGATAATATCGGGATCAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_48	CAAGCAGAAGACGGCATACGAGATTAGTGCATTTCGGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_49	CAAGCAGAAGACGGCATACGAGATTCAATGACCGCAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_50	CAAGCAGAAGACGGCATACGAGATCTATCGGAAGATAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_51	CAAGCAGAAGACGGCATACGAGATGGTACTGTACCAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_52	CAAGCAGAAGACGGCATACGAGATATCGAATCGAGTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_53	CAAGCAGAAGACGGCATACGAGATCTAGCAGTATGAAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_54	CAAGCAGAAGACGGCATACGAGATGTTAATGGCAGTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_55	CAAGCAGAAGACGGCATACGAGATGTATGGAGCTATAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_56	CAAGCAGAAGACGGCATACGAGATCCTTCTGTATACAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_57	CAAGCAGAAGACGGCATACGAGATACGCTGTCTGGTTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_58	CAAGCAGAAGACGGCATACGAGATCTCGTTTCAGTTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_59	CAAGCAGAAGACGGCATACGAGATGCGAACCTATACAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_60	CAAGCAGAAGACGGCATACGAGATCTCTCATATGCTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_61	CAAGCAGAAGACGGCATACGAGATTCTGTTTCTTCAGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_62	CAAGCAGAAGACGGCATACGAGATAGTACCTAAGTGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_63	CAAGCAGAAGACGGCATACGAGATGGATGCAGGATGAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT
5.8S-Fun_64	CAAGCAGAAGACGGCATACGAGATCCACTTGAGAGTAGTCAGTCAGGGAACCTTTYRCAAYGGATCWCT

Dotyczy pakietu 17 – Odczynniki wg GeneCrust Europe (synteza plazmidów)

>HpLV

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>AFCVd

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