

TATGCGACTCCTGCATTAGGAAGCAGCCAGTAGTAGGTTGAGGCCGTTGAGCACCGCCGCCGCAAGGAATGGTG 4650
 ATACGCTGAGGACGTAATCCTTCGTCTGGGTCATCATCCAACCTCCGGCAACTCGTGGCGGC GGCGTTCCCTTACCAC

CATGCAAGGAGATGGCGCCCAACAGTCCCCCGGCCACGGGGCCTGCCACCATACCCACGCCGAAACAAGCGCTCA 4725
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TGAGCCCGAAGTGGCGAGCCCGATCTTCCCCATCGGTGATGTCGGCGATATAGGCGCCAGCAACCGCACCTGTGG 4800
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CGCCGGTGATGCCGGCCACGATGCGTCCGGCGTAGAGGATCGAGATCGATCTCGATCCCGCGAAATTAATACGAC 4875
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T7 promoter >

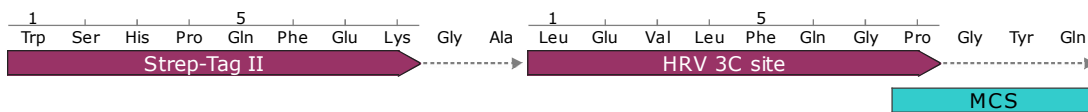
XbaI

TCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGAAATAATTTTGTTTAACTTTAAGAAGGAGATAT 4950
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T7 promoter > lac operator

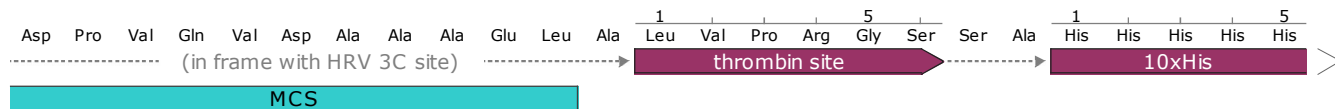
NcoI **SmaI** **KpnI**

ACCATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAGGGTGCACCTTGAAGTCCTCTTTCAGGGACCCGGGTACCAG 5025
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BamHI **SalI** **NotI** **SacI**

GATCCTGTACAAGTCGACGCGGCCGCAGAGCTCGCTCTGGTGCCACGCGGTAGTTCCGCTCATCACCACCATCAT 5100
 CTAGGACATGTTTCAGCTGCGCCGGCGTCTCGAGCGAGACCACGGTGCGCCATCAAGGCGAGTAGTGGTGGTAGTA



CACCATCACCACCACTAATTAACCTAGGCTGCTGCCACCGCTGAGCAATAACTAGCATAACCCCTTGGGGCCTCT 5175
 GTGGTAGTGGTGGTGATTAATTGGATCCGACGACGGTGGCGACTCGTTATTGATCGTATTGGGGAACCCCGGAGA



AAACGGGTCTTGAGGGGTTTTTGGCTGAAAGGAGGAACTATATCCGGAT 3'
 TTTGCCCAGAACTCCCCAAAAACGACTTTCCTCCTTGATATAGGCCTA ... 5224 5'

T7 terminator