

TABLE S2 | Synthetic DNA fragments used for cloning

Name	Sequence (5' → 3')
Hbp-SpT-d2	gctgacacaggggaaccaccacatatgcatgcacgggcagcagggaaatgacctgaatgctggt aagaacctgatattcaggggcagaatggtcagattaaccttaaggattcggtttctcagggggcgg gttccctgacgttccgtgataattacacagtaacaacctctaaccggaagtacctggaccggtgccgg tattgtgtggacaacgggggtccgtaaactggcaggttaatggtgttaaggcgataacctgcata aaattggtgaaggtagctgacgggtacaggggtacaggtattaatgaagggtgcctgaagggtcggg gacggaaagggtgtactgaaccagcagggcgacaataaaggacaggtgcaggcgttcagcagt gttaattatgccagtggccggccgaccgtggtactgactgatgagcggcaggtaaatccggatacc gtctcatggggatctgtgggggcacactggatgttaatggaacagctctgacgtttcatcagttgaag gcggcagattatggtgccgtgctggcgaataacgttgataaacgggccactatcacgtggactat gccggttctgggagcagtggtcgtggtactagtgtgcctactatcgtgatggtggacgcctacaagc gttacaagggtctgagcgggtccggcagcggtagtggaatactgcagggtagtctgttcacggac aactgaaaggcaatctgaatgtggacaatcgctgcctgaaggcgttaccggtgctctggtgatgg acggagctgcggatatctccggtacattcaccaggaaaacgggcgtctgacgctgcaggggcat ccggttatccatgcatacaatactcagctctgtggctgacaaactggctg
Hbp-SpT-d4	tctgacgctgcaggggcatccggttatccatgcatacaatactcagctctgtggctgacaaactggctg ccagtggagaccattcgggttctgactcagcctacgtcattcagtcaggaggactgggagaaccgca gttttacctttgacaggctgtcactgaagaacactgattttggtcttggtcgcaatgcaacactgaacac aaccatccaggcagataactccagcgtcacgctggggcagacgggggtatttatcgacaaaaac gatggccaggggaacagcctttaccctgaagaaggcacatctgttcaggttctgggagcagtggtc tcgggtactagtgtgcctactatcgtgatggtggacgcctacaagcgttacaagggtcagcgggtc cggcagcggtagtggaaaaagtgtctcaacggcacctgaacctggataatcagtcagtgctga atatcaatgatataattcaatggcgaatacaggcgaacaacagtagcgtgaatatctctcagaca gtgccgttctggggaactcaacactgaccagtagccctgaatctgaacaaggagcaaagtct ctggccagtcagagttttgttctgacggtccagtgaaatattctgatgccaccctgagctgaacagcc gtcctgatgaggtatctcacacactttacctgtatacgattatgccggttcattgaacctgaaggag acgatgcccgctgaacgtggggccgtacagtatgtgtcaggtaatatcaatgttcaggataaagg gactgtcaccctcggaggggaagggaactgagtcctgacctgactctcagaatcagatgtgttac agcctgttaacgggtaccgcaatatctggagcgggagcctgaatgca