>**pASC\_103** pFBDM-StrepII2x-dTBK1

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61 CTGAATATCA ACGCTTATTT GCAGCCTGAA TGGCGAATGG GACGCGCCCT GTAGCGGCGC

121 ATTAAGCGCG GCGGGTGTGG TGGTTACGCG CAGCGTGACC GCTACACTTG CCAGCGCCCT

181 AGCGCCCGCT CCTTTCGCTT TCTTCCCTTC CTTTCTCGCC ACGTTCGCCG GCTTTCCCCG

241 TCAAGCTCTA AATCGGGGGC TCCCTTTAGG GTTCCGATTT AGTGCTTTAC GGCACCTCGA

301 CCCCAAAAAA CTTGATTAGG GTGATGGTTC ACGTAGTGGG CCATCGCCCT GATAGACGGT

361 TTTTCGCCCT TTGACGTTGG AGTCCACGTT CTTAATAGTG GACTCTTGTT CCAAACTGGA

421 ACAACACTCA ACCCTATCTC GGTCTATTCT TTTGATTTAT AAGGGATTTT GCCGATTTCG

481 GCCTATTGGT TAAAAAATGA GCTGATTTAA CAAAAATTTA ACGCGAATTT TAACAAAATA

541 TTAACGCTTA CAATTTAGGT GGCACTTTTC GGGGAAATGT GCGCGGAACC CCTATTTGTT

601 TATTTTTCTA AATACATTCA AATATGTATC CGCTCATGAG ACAATAACCC TGATAAATGC

661 TTCAATAATA TTGAAAAAGG AAGAGTATGA GTATTCAACA TTTCCGTGTC GCCCTTATTC

721 CCTTTTTTGC GGCATTTTGC CTTCCTGTTT TTGCTCACCC AGAAACGCTG GTGAAAGTAA

781 AAGATGCTGA AGATCAGTTG GGTGCACGAG TGGGTTACAT CGAACTGGAT CTCAACAGCG

841 GTAAGATCCT TGAGAGTTTT CGCCCCGAAG AACGTTTTCC AATGATGAGC ACTTTTAAAG

901 TTCTGCTATG TGGCGCGGTA TTATCCCGTA TTGACGCCGG GCAAGAGCAA CTCGGTCGCC

961 GCATACACTA TTCTCAGAAT GACTTGGTTG AGTACTCACC AGTCACAGAA AAGCATCTTA

1021 CGGATGGCAT GACAGTAAGA GAATTATGCA GTGCTGCCAT AACCATGAGT GATAACACTG

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1141 ACATGGGGGA TCATGTAACT CGCCTTGATC GTTGGGAACC GGAGCTGAAT GAAGCCATAC

1201 CAAACGACGA GCGTGACACC ACGATGCCTG TAGCAATGGC AACAACGTTG CGCAAACTAT

1261 TAACTGGCGA ACTACTTACT CTAGCTTCCC GGCAACAATT AATAGACTGG ATGGAGGCGG

1321 ATAAAGTTGC AGGACCACTT CTGCGCTCGG CCCTTCCGGC TGGCTGGTTT ATTGCTGATA

1381 AATCTGGAGC CGGTGAGCGT GGGTCTCGCG GTATCATTGC AGCACTGGGG CCAGATGGTA

1441 AGCCCTCCCG TATCGTAGTT ATCTACACGA CGGGGAGTCA GGCAACTATG GATGAACGAA

1501 ATAGACAGAT CGCTGAGATA GGTGCCTCAC TGATTAAGCA TTGGTAACTG TCAGACCAAG

1561 TTTACTCATA TATACTTTAG ATTGATTTAA AACTTCATTT TTAATTTAAA AGGATCTAGG

1621 TGAAGATCCT TTTTGATAAT CTCATGACCA AAATCCCTTA ACGTGAGTTT TCGTTCCACT

1681 GAGCGTCAGA CCCCGTAGAA AAGATCAAAG GATCTTCTTG AGATCCTTTT TTTCTGCGCG

1741 TAATCTGCTG CTTGCAAACA AAAAAACCAC CGCTACCAGC GGTGGTTTGT TTGCCGGATC

1801 AAGAGCTACC AACTCTTTTT CCGAAGGTAA CTGGCTTCAG CAGAGCGCAG ATACCAAATA

1861 CTGTTCTTCT AGTGTAGCCG TAGTTAGGCC ACCACTTCAA GAACTCTGTA GCACCGCCTA

1921 CATACCTCGC TCTGCTAATC CTGTTACCAG TGGCTGCTGC CAGTGGCGAT AAGTCGTGTC

1981 TTACCGGGTT GGACTCAAGA CGATAGTTAC CGGATAAGGC GCAGCGGTCG GGCTGAACGG

2041 GGGGTTCGTG CACACAGCCC AGCTTGGAGC GAACGACCTA CACCGAACTG AGATACCTAC

2101 AGCGTGAGCT ATGAGAAAGC GCCACGCTTC CCGAAGGGAG AAAGGCGGAC AGGTATCCGG

2161 TAAGCGGCAG GGTCGGAACA GGAGAGCGCA CGAGGGAGCT TCCAGGGGGA AACGCCTGGT

2221 ATCTTTATAG TCCTGTCGGG TTTCGCCACC TCTGACTTGA GCGTCGATTT TTGTGATGCT

2281 CGTCAGGGGG GCGGAGCCTA TGGAAAAACG CCAGCAACGC GGCCTTTTTA CGGTTCCTGG

2341 CCTTTTGCTG GCCTTTTGCT CACATGTTCT TTCCTGCGTT ATCCCCTGAT TCTGTGGATA

2401 ACCGTATTAC CGCCTTTGAG TGAGCTGATA CCGCTCGCCG CAGCCGAACG ACCGAGCGCA

2461 GCGAGTCAGT GAGCGAGGAA GCGGAAGAGC GCCTGATGCG GTATTTTCTC CTTACGCATC

2521 TGTGCGGTAT TTCACACCGC ATAGACCAGC CGCGTAACCT GGCAAAATCG GTTACGGTTG

2581 AGTAATAAAT GGATGCCCTG CGTAAGCGGG **TGTGGGCGGA CAATAAAGTC TTAAACTGAA**

2641 **CAAAATAGAT CTAAACTATG ACAATAAAGT CTTAAACTAG ACAGAATAGT TGTAAACTGA**

2701 **AATCAGTCCA GTTATGCTGT GAAAAAGCAT ACTGGACTTT TGTTATGGCT AAAGCAAACT**

2761 **CTTCATTTTC TGAAGTGCAA ATTGCCCGTC GTATTAAAGA GGGGCGTGGC CAAGGGCATG**

2821 **GTAAAGACTA TATTC**GCGGC GTTGTGACAA TTTACCGAAC AACTCCGCGG CCGGGAAGCC

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3061 CGCGGTGGCA ATGCCCTGCC TCCGGTGCTC GCCGGAGACT GCGAGATCAT AGATATAGAT

3121 CTCACTACGC GGCTGCTCAA ACTTGGGCAG AACGTAAGCC GCGAGAGCGC CAACAACCGC

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3481 CTTGCTGCTT GGATGCCCGA GGCATAGACT GTACAAAAAA ACAGTCATAA CAAGCCATGA

3541 AAACCGCCAC TGCGCCGTTA CCACCGCTGC GTTCGGTCAA GGTTCTGGAC CAGTTGCGTG

3601 AGCGCATACG CTACTTGCAT TACAGTTTAC GAACCGAACA GGCTTATGTC AACTGGGTTC

3661 GTGCCTTCAT CCGTTTCCAC GGTGTGCGTC ACCCGGCAAC CTTGGGCAGC AGCGAAGTCG

3721 AGGCATTTCT GTCCTGGCTG GCGAACGAGC GCAAGGTTTC GGTCTCCACG CATCGTCAGG

3781 CATTGGCGGC CTTGCTGTTC TTCTACGGCA AGGTGCTGTG CACGGATCTG CCCTTGCTTC

3841 AGGAGATCGG TAGACCTCGG CCGTCGCGGC GCTTGCCGGT GGTGCTGACC CCGGATGAAG

3901 TGGTTCGCAT CCTCGGTTTT CTGGAAGGCG AGCATCGTTT GTTCGCCCAG GACTCTAGCT

3961 ATAGTTCTAG TGGTTGGCTA CAGCTTT**GTT TAAAC**AAAGC TGGCTATGGC AGGGCTTGCC

4021 GCCCCGACGT TGGCTGCGAG CCCTGGGCCT TCACCCGAAC TTGGGGGTTG GGGTGGGGAA

4081 AAGGAAGAAA CGCGGGCGTA TTGGTCCCAA TGGGGTCTCG GTGGGGTATC GACAGAGTGC

4141 CAGCCCTGGG ACCGAACCCC GCGTTTATGA ACAAACGACC CAACACCCGT GCGTTTTATT

4201 CTGTCTTTTT ATTGCCGTCA TAGCGCGGGT TCCTTCCGGT ATTGTCTCCT TCCGTGTTT**C**

4261 **AGTTAGCCTC CCCCATCTCC CGGTACCGCA TGCTATGCAT CAGCT*GCTAG C*ACCATGGCT**

4321 **CGAGAT*CCCG GG*TGATCAAG TCTTCGTCGA GTGATTGTAA ATAAAATGTA A**TTTACAGTA

4381 TAGTATTTTA ATTAATATAC AAATGATTTG ATAATAATTC TTATTTAACT ATAATATATT

4441 GTGTTGGGTT GAATTAAAGG TCC**GTATACT AGTATCGATT CGCGACC**TAC TCCGGAATAT

4501 TAATAGATCA TGGAGATAAT TAAAATGATA ACCATCTCGC AAATAAATAA GTATTTTACT

4561 GTTTTCGTAA CAGTTTTGTA ATAAAAAAAC CTATAAATAT TCCGGATT**AT TCATACCGTC**

4621 **CCACCATCGG GCGCGGATCC CGGTCCGAA*G CGCGC***

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4741 **AGTACTAGAG GATCATAATC AGCCATACCA CAT**TTGTAGA GGTTTTACTT GCTTTAAAAA

4801 ACCTCCCACA CCTCCCCCTG AACCTGAAAC ATAAAATGAA TGCAATTGTT GTTGTTAACT

4861 TGTTTATTGC AGCTTATAAT GGTTACAAAT AAAGCAATAG CATCACAAAT TTCACAAATA

4921 AAGCATTTTT TTCACTGCAT TCTAGTTGTG GTTTGTCCAA ACTCATCAAT GTATCTTATC

4981 ATGTCTGGAT CTGATCACTG CTTGAG**CCTA GG**A*GATCCG****A ACCAGATAAG TGAAATCTAG***

5041 **TTCCAAACTA TTTTGTCATT TTTAATTTTC GTATTAGCTT ACGACGCTAC ACCCAGTTCC**

5101 **CATCTATTTT GTCACTCTTC CCTAAATAAT CCTTAAAAAC TCCATTTCCA CCCCTCCCAG**

5161 **TTCCCAACTA TTTTGTCCGC CCACA**GCGGG GCATTTTTCT TCCTGTTATG TTTTTAATCA

5221 AACATCCTGC CAACTCCATG TGACAAACCG TCATCTTCGG CTACTTT