

Source Data Fig. 3. CD19-BBz(82) DNA and amino acid sequences

DNA seq.

5'-

ATGCTTCTCCTGGTGACAAGCCTTCTGCTCTGTGAGTTACCACACCCAGCATTCCTCCTG
ATCCCAGACATCCAGATGACACAGACTACATCCTCCCTGTCTGCCTCTCTGGGAGACAGA
GTCACCATCAGTTGCAGGGCAAGTCAGGACATTAGTAAATATTTAAATTGGTATCAGCA
GAAACCAGATGGAAGTGTAAACTCCTGATCTACCATACATCAAGATTACACTCAGGAGT
CCCATCAAGTTTCAAGTGGCAGTGGGTCTGGAACAGATTATTCTCTCACCATTAGCAACCT
GGAGCAAGAAGATATTGCCACTTACTTTTGCCAACAGGGTAATACGCTTCCGTACACGTT
CGGAGGGGGGACTAAGTTGGAAATAACAGGCTCCACCTCTGGATCCGGCAAGCCCGGATC
TGGCGAGGGATCCACCAAGGGCGAGGTGAAACTGCAGGAGTCAGGACCTGGCCTGGTGGC
GCCCTCACAGAGCCTGTCCGTACATGCACTGTCTCAGGGGTCTCATTACCCGACTATGG
TGTAAGCTGGATTCGCCAGCCTCCACGAAAGGGTCTGGAGTGGCTGGGAGTAATATGGG
GTAGTGAAACCACATACTATAATTCAGCTCTCAAATCCAGACTGACCATCATCAAGGACA
ACTCCAAGAGCCAAGTTTTCTTAAAAATGAACAGTCTGCAAACCTGATGACACAGCCATTT
ACTACTGTGCCAAACATTATTACTACGGTGGTAGCTATGCTATGGACTACTGGGGTCAAG
GAACCTCAGTCACCGTCTCCTCAGCGGCCGATTTCGTGCCGGTCTTCCCTGCCAGCGAAGCC
CACCACGACGCCAGCGCCGCGACCACCAACACCGGCGCCACCATCGCGTCGCAGCCCCTG
TCCCTGCGCCAGAGGCGTGCCGGCCAGCGCGGGGGCGCAGTGCACACGAGGGGGCTG
GACTTCGCCTGTGATATCTACATCTGGGCGCCCTTGCCGGGACTTGTGGGGTCCCTTCTC
CTGTCACTGGTTATCACCTTTACTGCAAACGGGGCAGAAAGAAACTCCTGTATATATTC
AAACAACCATTTATGAGACCAGTACAACTACTCAAGAGGAAGATGGCTGTAGCTGCCG
ATTTCCAGAAGAAGAAGAAGGAGGATGTGAACTGAGAGTGAAGTTCAGCAGGAGCGCAG
ACGCCCCCGGTACCAGCAGGGCCAGAACCAGCTCTATAACGAGCTCAATCTAGGACGAA
GAGAGGAGTACGATGTTTTGGACAAGAGACGTGGCCGGGACCCTGAGATGGGGGAAAG
CCGAGAAGGAAGAACCCTCAGGAAGGCCTGTACAATGAACTGCAGAAAGATAAGATGGC
GGAGGCCTACAGTGAAGATTGGGATGAAAGGCGAGCGCCGGAGGGGCAAGGGGCACGATG
GCCTTTACCAGGGTCTCAGTACAGCCACCAAGGACACCTACGACGCCCTTCACATGCAGG
CCCTGCCCCCTCGCTAA

Amino acid seq.

MLLVTSLLLCELPHPAFLLIPDIQMTQTTSSLSASLGDRVTISCRASQDISKYLNWYQQKP
DGTVKLLIYHTSRLHSGVPSRFSGSGSDTDYSLTISNLEQEDIATYFCQQGNTLPYTFGGGT
KLEITGSTSGSKPGSGEGSTKGEVKLQESGGLVAPSQSLSVTCTVSGVSLPDYGVSWIRQ
PPRKLEWLGVWIGSETTYYN SALKSRLTIHKDNSKSQVFLKMNSLQTD DTAIYYCAKHYY
YGGSYAMDYWGQGTSVTVSSAAAFVFPVFLPAKPTTTPAPRPPTPAPTIASQPLSLRPEACR
PAAGGAVHTRGLDFACDIYIWAPLAGTCGVLLLSLVITLYCKRGRKLLYIFKQPFMRPVQ
TTQEEDGCSCRFP EEEEEGGCELRVKFSRSADAPAYQQGQNQLYNELNLRREEYDVLDR
RGRDP EMGGKPRRKNPQ EGLYNELQKDKMAEAYSEIGMKGERRRGK GHDGLYQGLSTA
TKD TYDALHMQALPPR*