

# A

## Heavy chain variable domain (VH)

	FW1	CDR1	FW2	CDR2	FW3	CDR3	FW4
N1_E6	QVQLQQSGPGLVKPSQTLSTLCAISGDSVSV	SNSAAWN	WIRQSPSRGLEWLG	RTYYRSKWYNDYAVSVKS	RITINPDTSKNQFSLQLNSVTPEDTAVYYCAR	GGENWGFDFDY	WGQGLVTVSS
N2_B6	QVQLVQSGAEVKKPGASVKVSKASGYTFT	SYAMH	WVRQAPGQRLEWMG	WMNAGNGNTKYSQKFAQ	RVTITRDTASASTAYMELSSLRSEDVAVYYCAR	DRVPTIPAYRIDY	WGQGLVTVSS
N2_B9	-----	-----	-----	-I-----	-----	GPRSYGAGGMDV	-----

## Light chain variable domain (VL)

	FW1	CDR1	FW2	CDR2	FW3	CDR3	FW4
N1_E6	QSVLTQPPSASGPPGQQRVTISC	SGSRSNIGAYTVN	WYQHLPGTAPKVI IH	SNKQRP	GVPDRFSGSKSGTSASLAITGLQAEDEADYYC	QSYDSRLRGWV	FGGGTKLTVLG
N2_B6	DIQMTQSPSSVSASVGDRTVITTC	RASQGISSWLA	WYQQKPKGAPRLLIY	AASSLQS	GVPSRFSGSGSGTDFTLTISLQPEDFATYYC	QQANSFPLT	FGGGTKLEIKR
N2_B9	-----	-----	-----KF-----	-----	-----	-----	-----V-----

# B

## >N1\_E6\_scFv

CAGGTACAGCTGCAGCAGTCAGGTCCAGGACTGGTGAAGCCCTCGCAGACCCTCTCACTCACCTGTGCCATCTCCGGGGACAGTGTCTCTAGCAACAGTGTCTTGGAACTGGATCAGGCAGTCCCCATCGAGAGGCCTTGAGTGGCTGGGAAGGACATACTACAGGTCCAAGTGGTATAATGATTATGCAGTATCTGTGAAAAGTCGAATAACCATCAACCCAGACACATCCAAGAACCAGTTCGCCCTGCAGCTGAACCTCTGTGACTCCCAGGACACGGCTGTGTTACTGTGCAAGGGGGGGGAGAACTGGGATTCGGGTTTGGACTACTGGGGCCAGGGAACCCTGGTCACCGTCTCCTCACTCGAGGGTGGAGGGCGGTTAGCGGGAGGTGGCTCTGGCGGTGGCGCTAGCCAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGCCCCCGGGCAGAGGGTCACCATCTCGTGTCTGGAAGCAGGTCCAACATCGGGGCCATACTGTAAACTGGTACCAGCACCTCCCAGGGACGGCCCCAAAGTCATCATCCATAGTAATAAGCAGCGGCCCTCAGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCACTGGGCTCAGGCTGAAGATGAGGCTGATTATTACTGCCAGTCGTATGACAGCAGGCTGCGCGGCTGGGTCTTCGGCGGAGGACCAAGCTGACCGTCTTAGT

## >N2\_B6\_scFv

CAGGTGCAGCTGGTGCAGTCTGGAGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTTTCTTGCAAGGCTTCTGGATACACCTTCACTAGCTATGCTATGCATTGGGTGCGCCAGGCCCCGGACAAAGGCTTGAGTGGATGGATGGATGAACGCTGGCAATGGTAACACAAAATATTACAGAAAGTCCAGGGCAGAGTCACCATTAACAGGGACACATCCGCGAGCACAGCCTACATGGAGCTGAGCAGCCTGAGATCTGAAGACACGGCTGTGTATTAAGTGTGAGGGATCGCGTGCCTACGATCCCGCCTATAGAATTGACTACTGGGGCCAGGGAACCCTGGTCCCGTCTCCTCACTCGAGGGTGGAGCGGTTAGCGCGAGGTGGCTCTGGCGGTGGCGCTAGCGACATCCAGATGACCCAGTCTCCATCTTCCGTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGTTCGGGCGAGTCAGGTTATTAGCAGCTGGTTAGCCTGGTATCAGCAGAAACCAGGAAAAGCCCTAGGCTCCTGATCTATGCTGCATCCAGTTTGC AAAGTGGGGTCCCATCAAGGTTACAGCGCAGTGGATCTGGGACAGATTTCACTCTCACCATCAGCAGCCTGCAGCTGAAGATTTTGCAACTTACTATTGTCAACAGGCTAACAGTTTCCCGCTCACTTTCGGCGGAGGGACCAAGCTGGAGATCAAACGT

## >N2\_B9\_scFv

CAGGTCCAGCTTGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGCCTCAGTGAAGGTTTCTTGCAAGGCTTCTGGATACACCTTCACTAGCTATGCTATGCATTGGGTGCGCCAGGCCCCGGACAAAGGCTTGAGTGGATGGATGGATGAACGCTGGCAATGGTAACACAAAATATTACAGAAAGTCCAGGGCAGAGTCACCATTAACAGGGACACATCCGCGAGCACAGCCTACATGGAGCTGAGCAGCCTGAGATCTGAAGACACGGCTGTGTATTAAGTGTGAGAGGGCCGAGGAGCTATGGCGCGGGCGGTATGGACGCTGGGGCCAAGGCACCCTGGTACCCTCTTCACTCGAGGGTGGAGCGGTTAGCGCGAGGTGGCTCTGGCGGTGGCGCTAGCGACATCCAGATGACCCAGTCTCCATCTTCTGTGTCTGCATCTGTAGGAGACAGAGTCACCATCACTTGTTCGGGCGAGTCAGGTTATTAGCAGCTGGTTAGCCTGGTATCAGCAGAAACCAGGAAAAGCCCTAAGTTCCTGATCTATGCTGCATCCAGTTTGC AAAAGTGGGGTCCCATCAAGGTTACAGCGCAGTGGATCTGGGACAGATTTCACTCTCACTATCAGCAGCCTGCAGCTGAAGATTTTGCAACTTACTATTGTCAACAGGCTAACAGTTTCCCGCTCACTTTCGGCGGAGGGACCAAGTGGAAATCAAACGT