Table S12
Gene blocks used for generating recombinant antibodies, Related to Star Method Details

Swapped CDR3 and CDR2 regions are in bold font. Italicized sequences denote the overlapping segments used for in-frame infusion cloning.

construct	sequence
CL33 IgH	*AGCAACTGCAACCGGT*GTACATTCCGAGGTTCAGCTGCAGCAGTCTGGAGCTGAGCTGGCGAGGCCTGGGGC TTCAGTGAAGCTGTCCTGCAAGGCTTCTGGCTACACCTTCACAAGCTATGGTATAAGCTGGGTGAAGCAGAGA ACTGGACAGGGCCTTGAGTGGATTGGAGAGATTTATCCTAGAAGTGGTAATACTTACTACAATGAGAAGTTCA AGGGCAAGGCCACACTGACTGCAGACAAATCCTCCAGCACAGCGTACATGGAGCTCCGCAGCCTGACATCTGA GGACTCTGCGGTCTATTTCTGT**GCGAGACAAGGGTACTACGCTAATAGTCAGTTTACTTAC**TGGGGCCAAGG GACTCTGGTCACTGTCTCTGCAGC*GTCGACCAAGGGCCCA*
CL30 IgH	*AGCAACTGCAACCGGT*GTACATTCCGAGGTGCAGCTGCAGGAGTCTGGACCTGAGCTGGTGAAGCCTGGGGC TTCAGTGAAGATATCCTGTAAGGCTTCTGGATACACGTTCACTGACTACTACATGAACTGGGTGAAGCAGAGCC ATGGAAAGAGCCTTGAGTGGATTGGAGATATTAATCCTAACAATGGTGGTACTAGCTACAACCAGAAGTTCAA GGGCAAGGCCACATTGACTGTAGACAAGTCCTCCAGCACAGCCTACATGGAGCTCCGCAGCCTGACATCTGAG GACTCTGCAGTCTATTACTGT**GCAAGATCAGGGAGATGGTTACCGTATGCTATGGACTAC**TGGGGTCAAGGA ACCTCAGTCACCGTCTCCTCAGC*GTCGACCAAGGGCCCA*
CL33 IgH with CDR-H3 of CL30	*AGCAACTGCAACCGGT*GTACATTCCGAGGTTCAGCTGCAGCAGTCTGGAGCTGAGCTGGCGAGGCCTGGGGC TTCAGTGAAGCTGTCCTGCAAGGCTTCTGGCTACACCTTCACAAGCTATGGTATAAGCTGGGTGAAGCAGAGA ACTGGACAGGGCCTTGAGTGGATTGGAGAGATTTATCCTAGAAGTGGTAATACTTACTACAATGAGAAGTTCA AGGGCAAGGCCACACTGACTGCAGACAAATCCTCCAGCACAGCGTACATGGAGCTCCGCAGCCTGACATCTGA GGACTCTGCGGTCTATTTCTGT**GCAAGATCAGGGAGATGGTTACCGTATGCTATGGACTAC**TGGGGCCAAGG GACTCTGGTCACTGTCTCTGCAGC*GTCGACCAAGGGCCCA*
CL30 IgH with CDR-H3 of CL33	*AGCAACTGCAACCGGT*GTACATTCCGAGGTGCAGCTGCAGGAGTCTGGACCTGAGCTGGTGAAGCCTGGGGC TTCAGTGAAGATATCCTGTAAGGCTTCTGGATACACGTTCACTGACTACTACATGAACTGGGTGAAGCAGAGCC ATGGAAAGAGCCTTGAGTGGATTGGAGATATTAATCCTAACAATGGTGGTACTAGCTACAACCAGAAGTTCAA GGGCAAGGCCACATTGACTGTAGACAAGTCCTCCAGCACAGCCTACATGGAGCTCCGCAGCCTGACATCTGAG GACTCTGCAGTCTATTACTGT**GCGAGACAAGGGTACTACGCTAATAGTCAGTTTACTTAC**TGGGGTCAAGGAA CCTCAGTCACCGTCTCCTCAGC*GTCGACCAAGGGCCCA*
CL33 IgH with CDR-H3 of anti-ovalbumin antibody	*AGCAACTGCAACCGGT*GTACATTCCGAGGTTCAGCTGCAGCAGTCTGGAGCTGAGCTGGCGAGGCCTGGGGC TTCAGTGAAGCTGTCCTGCAAGGCTTCTGGCTACACCTTCACAAGCTATGGTATAAGCTGGGTGAAGCAGAGA ACTGGACAGGGCCTTGAGTGGATTGGAGAGATTTATCCTAGAAGTGGTAATACTTACTACAATGAGAAGTTCA AGGGCAAGGCCACACTGACTGCAGACAAATCCTCCAGCACAGCGTACATGGAGCTCCGCAGCCTGACATCTGA GGACTCTGCGGTCTATTTCTGT**TTCAAGCTGGGCATGACCTTCGACATCTGGGGCCAGGGC**TGGGGCCAAGG GACTCTGGTCACTGTCTCTGCAGC*GTCGACCAAGGGCCCA*
CL33 IgH with CDR-H2 of CL30	*AGCAACTGCAACCGGT*GTACATTCCGAGGTTCAGCTGCAGCAGTCTGGAGCTGAGCTGGCGAGGCCTGGGGC TTCAGTGAAGCTGTCCTGCAAGGCTTCTGGCTACACCTTCACAAGCTATGGTATAAGCTGGGTGAAGCAGAGA ACTGGACAGGGCCTTGAGTGGATTGGAGAG**ATTAATCCTAACAATGGTGGTACT**TACTACAATGAGAAGTTC AAGGGCAAGGCCACACTGACTGCAGACAAATCCTCCAGCACAGCGTACATGGAGCTCCGCAGCCTGACATCTG AGGACTCTGCGGTCTATTTCTGTGCGAGACAAGGGTACTACGCTAATAGTCAGTTTACTTACTGGGGCCAAGG GACTCTGGTCACTGTCTCTGCAGC*GTCGACCAAGGGCCCA*
CL30 IgH with CDR-H2 of CL33	*AGCAACTGCAACCGGT*GTACATTCCGAGGTGCAGCTGCAGGAGTCTGGACCTGAGCTGGTGAAGCCTGGGGC TTCAGTGAAGATATCCTGTAAGGCTTCTGGATACACGTTCACTGACTACTACATGAACTGGGTGAAGCAGAGCC ATGGAAAGAGCCTTGAGTGGATTGGAGAT**ATTTATCCTAGAAGTGGTAATACT**AGCTACAACCAGAAGTTCAA GGGCAAGGCCACATTGACTGTAGACAAGTCCTCCAGCACAGCCTACATGGAGCTCCGCAGCCTGACATCTGAG GACTCTGCAGTCTATTACTGTGCAAGATCAGGGAGATGGTTACCGTATGCTATGGACTACTGGGGTCAAGGAA CCTCAGTCACCGTCTCCTCAGC*GTCGACCAAGGGCCCA*
CL33 Igκ	*AGCAACTGCAACCGGT*GTACATTCCGATATCCAGATGACACAGACTACATCCTCCCTGTCTGCCTCTCTGGGAG ACAGAGTCACCATCAGTTGCAGTGCAAGTCAGGGCATTAGCAATTATTTAAACTGGTATCAGCAGAAACCAGA TGGAACTGTTAAACTCCTGATCTATTACACATCAAGTTTACACTCAGGAGTCCCATCAAGGTTCAGTGGCAGTG GGTCTGGGACAGATTATTCTCTCACCATCAGCAACCTGGAACCTGAAGATATTGCCACTTACTATTGTCAGCAG TATAGTAAGCTTCCGTGGACGTTCGGTGGAGGCACCAACCTGGAAATCAAA*CGTACGGTGGCTGCAC*
CL30 Igκ	*AGCAACTGCAACCGGT*GTACATTCCAACATTATGATGACACAGTCGCCATCATCTCTGGCTGTGTCTGCAGGAG AAAAGGTCACTATGAGCTGTAAGTCCAGTCAAAGTGTTTTATACAGTTCAAATCAGAAGAACTACTTGGCCTGG

	TACCAGCAGAAACCAGGGCAGTCTCCTAAACTGCTGATCTACTGGGCATCCACTAGGGAATCTGGTGTCCCTG ATCGCTTCACAGGCAGTGGATCTGGGACAGATTTTACTCTTACCATCAGCAGTGTACAAGCTGAAGACCTGGCA GTTTATTACTGTCATCAATACCTCTCCTCGCTCACGTTCGGTGCTGGGACCAAGCTGGAGCTGAAA*CGTACGGT* *GGCTGCAC*