

Supplemental Data 10: Retrogenic TCR sequences. TCR sequences and 2A peptide cloned into retroviral vectors.

Sequences of four TCR sequences as assembled and cloned into the retroviral vectors. The first sequence is color-coded. VaJa (blue); Ca (purple); P2A (grey); VβDJβ (yellow); Cβ (green)

TCR1

ATGGACAAGATCCTGACAGCAACGTTTTTACTCCTAGGCCTTCACCTAGCTGGGGTGAATGGCCAGCAGCAGGAGAA
ACGTGACCAGCAGCAGGTGAGACAAAGTCCCCAATCTCTGACAGTCTGGGAAGGAGAGACCGCAATTCTGAACTGCA
GTTATGAGGACAGCACTTTTAACTACTTCCCATGGTACCAGCAGTTCCTTGGGGAAGGCCCTGCACTCCTGATATCC
ATACGTTTCAGTGTCCGATAAAAAGGAAGATGGACGATTACAATCTTCTTCAATAAAAGGGAGAAAAAGCTCTCCTT
GCACATCACAGACTCTCAGCCTGGAGACTCAGCTACCTACTTCTGTGCAGATACTGGAGGACTAAGTGGTAAATTAA
CATTGGGGAAGGGACCCAAGTGACGGTAATATCTGACATCCAGAACCCAGAACCTGCTGTGTACCAGTTAAAGAT
CCTCGGTCTCAGGACAGCACCTCTGCCTGTTACCGACTTTGACTCCCAAATCAATGTGCCGAAAACCATGGAATC
TGGAACGTTTCATCACTGACAAAAGTGTGCTGGACATGAAAGCTATGGATTCCAAGAGCAATGGGGCCATTGCCTGGA
GCAACCAGACAAGCTTCACCTGCCAAGATATCTTCAAAGAGACCAACGCCACCTACCCAGTTTCAGACGTTCCCTGT
GATGCCACGTTGACCGAGAAAAGCTTTGAAACAGATATGAACCTAAACTTTCAAAACCTGTCAGTTATGGGACTCCG
AATCCTCCTGCTGAAAGTAGCGGGATTTAACCTGCTCATGACGCTGAGGCTGTGGTCCGGCTCCGGAGCCACGAAC
TCTCTCTGTTAAAGCAAGCAGGAGACGTGGAAGAAAACCCGGTCCCATGTTACTGCTTCTATTACTTCTGGGGCCT
GGCTGTGGGCTTGGAGCACTCGTCTATCAATATCCCAGAAGAACCATCTGTAAGAGTGGAACCTCCATGAGGATGGA
GTGTCAAGCTGTGGGTTTTTCAAGCAACTTCTGTAGCTTGGTATCGTCAATCGCCTCAAAAGACATTTGAACTGATAG
CACTTTCTACTGTGAACTCAGCAATCAAATATGAACAAAATTTTACCCAGGAAAAATTTCCCATCAGTCATCCCAAC
TTATCCTTTTCATCTATGACAGTTTTTAAATGCATATCTTGAAGACAGAGGCTTATATCTCTGTGGTGCTAGGGATCG
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CACCCAAGGTCTCCTTGTTTTGAGCCATCAAAAGCAGAGATTGCAACAAAACAAAAGGCTACCCTCGTGTGCTTGGCC
AGGGGCTTCTTCCCTGACCACGTGGAGCTGAGCTGGTGGGTGAATGGCAAGGAGGTCCACAGTGGGGTCAGCACGGA
CCCTCAGGCCTACAAGGAGAGCAATTATAGCTACTGCCTGAGCAGCCGCTGAGGGTCTCTGCTACCTTCTGGCACA
ATCCTCGCAACCACTTCCGCTGCCAAGTGCAGTTCATGGGCTTTTCAAGGAGGACAAGTGGCCAGAGGGCTCACCC
AAACCTGTCACACAGAACATCAGTGCAGAGGCCTGGGGCCGAGCAGACTGTGGGATTACCTCAGCATCCTATCAACA
AGGGGTCTTGTCTGCCACCATCCTCTATGAGATCCTGCTAGGGAAAGCCACCCTGTATGCTGTGCTTGTGAGTACAC
TGGTGGTGATGGCTATGGTCAAAAGAAAGAATTCATGA

VaJa/Ca P2A VbDJb/Cb

TCR2

ATGGACAAGATCCTGACAGCAACGTTTTTACTCCTAGGCCTTCACCTAGCTGGGGTGAATGGCCAGCAGCAGGAGAA
ACGTGACCAGCAGCAGGTGAGACAAAGTCCCCAATCTCTGACAGTCTGGGAAGGAGAGACCGCAATTCTGAACTGCA
GTTATGAGGACAGCACTTTTAACTACTTCCCATGGTACCAGCAGTTCCTTGGGAAGGCCCTGCACTCCTGATATCC
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CCAGAGGGCTCACCCAAACCTGTCACACAGAACATCAGTGCAGAGGCCTGGGGCCGAGCAGACTGTGGGATTACCTC
AGCATCCTATCAACAAGGGGTCTTGTCTGCCACCATCCTCTATGAGATCCTGCTAGGGAAAGCCACCCTGTATGCTG
TGCTTGTGAGTACACTGGTGGTGTATGGCTATGGTCAAAGAAAGAATTCATGA

TCR3

ATGGACAAGATCCTGACAGCAACGTTTTTACTCCTAGGCCTTCACCTAGCTGGGGTGAATGGCCAGCAGCAGGAGAA
ACGTGACCAGCAGCAGGTGAGACAAAGTCCCCAATCTCTGACAGTCTGGGAAGGAGAGACCGCAATTCTGAACTGCA
GTTATGAGGACAGCACTTTTAACTACTTCCCATGGTACCAGCAGTTCCTGGGGAAGGCCCTGCACTCCTGATATCC
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TCAACAAGGGGTCTTGTCTGCCACCATCCTCTATGAGATCCTGCTAGGGAAAGCCACCCTGTATGCTGTGCTTGTCA
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TCR4

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