

Table S2. Top 300 similar structures of VosA velvet domain in the PDB database by the Dali server

| Chain | Z | RMSD | lali | nres | Sequence identity % | Description | |
|-------|--------|------|------|------|---------------------|-------------|--|
| 1 | 1bvo-A | 10.6 | 2.5 | 112 | 175 | 15 | DNA DUPLEX; |
| 2 | 3do7-B | 10.4 | 2.7 | 118 | 293 | 18 | AVIAN RETICULOENDOTHELIOSIS VIRAL (V-REL) |
| 3 | 1ooa-B | 10.4 | 2.7 | 118 | 313 | 17 | RNA APTAMER; |
| 4 | 1a3q-B | 10.4 | 2.8 | 115 | 285 | 17 | DNA (5'-D(*GP*GP*GP*GP*AP*AP*TP*CP*CP*CP*C)-3'); |
| 5 | 1ooa-A | 10.4 | 2.6 | 116 | 313 | 16 | RNA APTAMER; |
| 6 | 3gut-F | 10.3 | 2.9 | 120 | 312 | 17 | TRANSCRIPTION FACTOR P65; |
| 7 | 3gut-B | 10.3 | 2.8 | 119 | 312 | 17 | TRANSCRIPTION FACTOR P65; |
| 8 | 1a3q-A | 10.3 | 2.7 | 116 | 285 | 19 | DNA (5'-D(*GP*GP*GP*GP*AP*AP*TP*CP*CP*CP*C)-3'); |
| 9 | 2o61-B | 10.3 | 2.8 | 118 | 314 | 17 | 36-MER; |
| 10 | 2v2t-B | 10.2 | 2.8 | 118 | 313 | 18 | TRANSCRIPTION FACTOR RELB; |
| 11 | 1imh-D | 10 | 2.9 | 120 | 281 | 17 | TonEBP/DNA COMPLEX |
| 12 | 4y5u-B | 9.9 | 3.5 | 117 | 438 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 13 | 1nfk-B | 9.9 | 3 | 119 | 312 | 17 | DNA (5'-D(*TP*GP*GP*GP*AP*AP*TP*TP*CP*CP*C)-3'); |
| 14 | 1owr-M | 9.9 | 3.2 | 121 | 284 | 19 | NFAT1 MONOMERIC BINDING SITE, PLUS STRAND; |
| 15 | 1imh-C | 9.9 | 3 | 121 | 281 | 17 | TonEBP/DNA COMPLEX |
| 16 | 1p7h-N | 9.9 | 3.3 | 121 | 286 | 19 | 5'-D(*AP*AP*TP*GP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*A |
| 17 | 1owr-Q | 9.9 | 3.2 | 123 | 284 | 20 | NFAT1 MONOMERIC BINDING SITE, PLUS STRAND; |
| 18 | 1owr-P | 9.8 | 3.3 | 123 | 284 | 20 | NFAT1 MONOMERIC BINDING SITE, PLUS STRAND; |
| 19 | 1pzu-I | 9.8 | 3.1 | 119 | 276 | 19 | 5'-D(*TP*TP*GP*AP*GP*GP*AP*AP*TP*TP*TP*CP*CP*A)- |
| 20 | 1owr-N | 9.8 | 3.3 | 123 | 284 | 19 | NFAT1 MONOMERIC BINDING SITE, PLUS STRAND; |
| 21 | 1pzu-B | 9.8 | 3.1 | 119 | 276 | 19 | 5'-D(*TP*TP*GP*AP*GP*GP*AP*AP*TP*TP*TP*CP*CP*A)- |
| 22 | 1pzu-D | 9.8 | 3.2 | 119 | 276 | 19 | 5'-D(*TP*TP*GP*AP*GP*GP*AP*AP*TP*TP*TP*CP*CP*A)- |
| 23 | 1pzu-M | 9.8 | 3.1 | 119 | 276 | 19 | 5'-D(*TP*TP*GP*AP*GP*GP*AP*AP*TP*TP*TP*CP*CP*A)- |
| 24 | 4y5u-A | 9.7 | 3.4 | 116 | 445 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 25 | 3qrf-N | 9.7 | 3.4 | 124 | 286 | 19 | NUCLEAR FACTOR OF ACTIVATED T-CELLS, CYTOPLASMIC |
| 26 | 1pzu-L | 9.7 | 3.7 | 123 | 276 | 19 | 5'-D(*TP*TP*GP*AP*GP*GP*AP*AP*TP*TP*TP*CP*CP*A)- |
| 27 | 1pzu-H | 9.7 | 3.1 | 119 | 276 | 19 | 5'-D(*TP*TP*GP*AP*GP*GP*AP*AP*TP*TP*TP*CP*CP*A)- |
| 28 | 1p7h-O | 9.7 | 3.2 | 121 | 286 | 19 | 5'-D(*AP*AP*TP*GP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*A |
| 29 | 3qrf-M | 9.7 | 3.4 | 123 | 286 | 20 | NUCLEAR FACTOR OF ACTIVATED T-CELLS, CYTOPLASMIC |
| 30 | 1p7h-M | 9.7 | 3.2 | 120 | 286 | 19 | 5'-D(*AP*AP*TP*GP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*A |
| 31 | 2as5-M | 9.6 | 3.3 | 123 | 287 | 20 | Structure of the DNA binding domains of NFAT and FOXP2 bound specifically to DNA |
| 32 | 2as5-N | 9.6 | 3.3 | 123 | 287 | 20 | Structure of the DNA binding domains of NFAT and FOXP2 bound specifically to DNA |
| 33 | 2o93-M | 9.6 | 3.3 | 121 | 284 | 19 | KAPPAB ENHANCER ELEMENT, DNA 25-MER; |
| 34 | 4y5w-A | 9.5 | 3.6 | 121 | 478 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 35 | 1yvl-A | 9.5 | 3.4 | 124 | 652 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 36 | 6mbz-B | 9.5 | 3.7 | 124 | 522 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 37 | 1s9k-C | 9.5 | 3.4 | 121 | 280 | 17 | HUMAN IL-2 ARRE1 PROMOTER ELEMENT, PLUS STRAND; |
| 38 | 2o93-L | 9.4 | 3.4 | 122 | 287 | 19 | KAPPAB ENHANCER ELEMENT, DNA 25-MER; |
| 39 | 1ikn-A | 9.4 | 3.3 | 116 | 282 | 15 | PROTEIN (NF-KAPPA-B P65 SUBUNIT); |
| 40 | 1lei-B | 9.4 | 2.7 | 117 | 312 | 17 | NUCLEAR FACTOR NF-KAPPA-B P65 SUBUNIT |
| 41 | 5d39-C | 9.4 | 3.7 | 123 | 484 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 42 | 2o61-A | 9.2 | 3.4 | 119 | 498 | 14 | 36-MER; |
| 43 | 1ram-B | 9.2 | 3.3 | 119 | 273 | 14 | A NOVEL DNA RECOGNITION MODE BY NF-KB P65 HOMODIMER |
| 44 | 6ggr-A | 9.2 | 3.1 | 113 | 168 | 15 | TRANSCRIPTION FACTOR P65; |
| 45 | 2ram-B | 9.1 | 3.3 | 118 | 273 | 14 | A NOVEL DNA RECOGNITION MODE BY NF-KB P65 HOMODIMER |
| 46 | 2i9t-A | 9.1 | 3.6 | 123 | 275 | 15 | Transcription factor p65 |
| 47 | 5u01-C | 9.1 | 3.6 | 118 | 273 | 15 | TRANSCRIPTION FACTOR P65; |
| 48 | 1a02-N | 9.1 | 3.4 | 120 | 280 | 19 | STRUCTURE OF THE DNA BINDING DOMAINS OF NFAT, FOS AND JUN BOUND TO DNA |
| 49 | 1lei-A | 9 | 3.5 | 119 | 273 | 14 | p65 subunit of NF-kappa B |
| 50 | 5u01-B | 9 | 3.4 | 119 | 273 | 14 | TRANSCRIPTION FACTOR P65; |
| 51 | 6nuq-A | 9 | 3.8 | 120 | 522 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 52 | 4y5w-D | 8.9 | 3.4 | 120 | 472 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 53 | 2v2t-A | 8.9 | 3.2 | 122 | 279 | 13 | TRANSCRIPTION FACTOR RELB; |
| 54 | 1y1u-C | 8.9 | 3.5 | 124 | 544 | 14 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 55 | 1y1u-B | 8.9 | 3.6 | 124 | 544 | 14 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 56 | 1y1u-A | 8.9 | 3.6 | 124 | 544 | 14 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION CRYSTAL STRUCTURE OF THE NFKB P50/P65 |
| 57 | 1vxx-A | 8.8 | 3.4 | 118 | 273 | 14 | HETERODIMER COMPLEXED TO THE IMMUNOGLOBULIN KB DNA |
| 58 | 1ram-A | 8.8 | 3.6 | 117 | 273 | 15 | A NOVEL DNA RECOGNITION MODE BY NF-KB P65 HOMODIMER |
| 59 | 1le5-A | 8.8 | 3.5 | 120 | 274 | 15 | 5'-D(*TP*GP*GP*GP*AP*AP*AP*TP*TP*CP*CP*T)-3'; |

| | | | | | | | |
|-----|--------|-----|-----|-----|-----|----|--|
| 60 | 3gut-G | 8.8 | 3.6 | 117 | 273 | 15 | TRANSCRIPTION FACTOR P65; |
| 61 | 2ram-A | 8.8 | 3.6 | 119 | 273 | 14 | A NOVEL DNA RECOGNITION MODE BY NF-KB P65 HOMODIMER |
| 62 | 1le9-B | 8.8 | 2.7 | 120 | 312 | 17 | 5'-D(*TP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*T)-3'; |
| 63 | 1gji-A | 8.8 | 2.9 | 119 | 275 | 15 | IL-2 CD28RE DNA; |
| 64 | 1gji-B | 8.7 | 3 | 122 | 275 | 14 | IL-2 CD28RE DNA; |
| 65 | 3gut-C | 8.7 | 3.2 | 114 | 273 | 15 | TRANSCRIPTION FACTOR P65; |
| 66 | 5d39-A | 8.7 | 3.8 | 125 | 489 | 12 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 67 | 5u01-A | 8.7 | 3.7 | 120 | 273 | 15 | TRANSCRIPTION FACTOR P65; CRYSTAL STRUCTURE OF THE NFKB P50/P65 HETERODIMER COMPLEXED TO THE IMMUNOGLOBULIN KB DNA |
| 68 | 1vix-B | 8.7 | 2.8 | 118 | 312 | 16 | TRANSCRIPTION FACTOR STAT3B/DNA COMPLEX |
| 69 | 1bg1-A | 8.7 | 3.5 | 121 | 559 | 9 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 70 | 6qhd-B | 8.7 | 3.6 | 122 | 532 | 10 | TRANSCRIPTION FACTOR P65; |
| 71 | 3gut-E | 8.6 | 3.6 | 118 | 273 | 14 | TRANSCRIPTION FACTOR P65; |
| 72 | 3gut-A | 8.6 | 3.5 | 116 | 273 | 15 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 73 | 4y5w-B | 8.6 | 3.6 | 121 | 477 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 74 | 6mbw-B | 8.6 | 3.7 | 125 | 523 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 75 | 1le9-E | 8.5 | 3.5 | 118 | 273 | 14 | 5'-D(*TP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*T)-3'; |
| 76 | 1le5-E | 8.5 | 3.7 | 120 | 274 | 15 | 5'-D(*TP*GP*GP*GP*AP*AP*AP*TP*TP*CP*CP*T)-3'; |
| 77 | 1yvl-B | 8.5 | 3.4 | 124 | 653 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 78 | 6tlc-B | 8.5 | 3.7 | 122 | 535 | 9 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 79 | 1le5-F | 8.5 | 2.9 | 119 | 313 | 17 | 5'-D(*TP*GP*GP*GP*AP*AP*AP*TP*TP*CP*CP*T)-3'; |
| 80 | 1uur-A | 8.5 | 4.4 | 120 | 461 | 14 | STATA PROTEIN; |
| 81 | 1svc-P | 8.4 | 2.8 | 118 | 311 | 16 | NFKB P50 HOMODIMER BOUND TO DNA |
| 82 | 3brd-A | 8.4 | 3.5 | 117 | 427 | 15 | CSL (Lag-1) bound to DNA with Lin-12 RAM peptide, P212121 |
| 83 | 6tlc-A | 8.4 | 3.6 | 121 | 533 | 9 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 84 | 6mbz-A | 8.4 | 3.9 | 124 | 536 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 85 | 6mbw-A | 8.4 | 3.6 | 121 | 524 | 12 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 86 | 1nfi-A | 8.3 | 3.5 | 115 | 294 | 14 | NF-KAPPA-B P65; Structure of NF-kB p65-p50 heterodimer bound to PRDII element of B-interferon promoter |
| 87 | 2i9t-B | 8.3 | 2.9 | 119 | 312 | 16 | TRANSCRIPTION FACTOR P65; |
| 88 | 3gut-H | 8.2 | 2.7 | 119 | 312 | 17 | NF-KAPPA-B P65; |
| 89 | 1nfi-C | 8.2 | 3.5 | 115 | 300 | 14 | Crystal structure of activated Notch, CSL and MAML on HES-1 promoter DNA sequence |
| 90 | 2f8x-C | 8.2 | 3.4 | 113 | 424 | 16 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 91 | 3cwg-B | 8.2 | 3.7 | 120 | 507 | 10 | TRANSCRIPTION FACTOR P65; |
| 92 | 3gut-D | 8.2 | 2.8 | 120 | 312 | 17 | 5'-D(*TP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*T)-3'; |
| 93 | 1le9-F | 8.2 | 2.9 | 120 | 312 | 17 | 5'-D(*TP*GP*GP*GP*AP*AP*AP*TP*TP*CP*CP*T)-3'; |
| 94 | 1le5-B | 8.2 | 3 | 119 | 313 | 17 | 5'-D(*TP*GP*GP*GP*AP*AP*AP*TP*TP*CP*CP*T)-3'; |
| 95 | 5d39-B | 8.2 | 3.7 | 123 | 484 | 11 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 96 | 6qhd-A | 8.2 | 3.6 | 122 | 530 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 97 | 1le9-A | 8.2 | 3.6 | 116 | 273 | 15 | 5'-D(*TP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*T)-3'; |
| 98 | 1uus-A | 8.1 | 4.4 | 121 | 465 | 14 | STAT PROTEIN; |
| 99 | 3cwg-A | 8.1 | 3.7 | 120 | 501 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 100 | 4y5w-C | 8 | 3.4 | 120 | 465 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 101 | 3iag-C | 8 | 3.3 | 113 | 422 | 17 | CSL (RBP-Jk) bound to HES-1 nonconsensus site |
| 102 | 1ttu-A | 8 | 4.5 | 117 | 435 | 15 | Crystal Structure of CSL bound to DNA |
| 103 | 1nfk-A | 8 | 3.2 | 119 | 312 | 17 | DNA (5'-D(*TP*GP*GP*GP*AP*AP*TP*TP*CP*CP*C)-3'); AVIAN RETICULOENDOTHELIOSIS VIRAL (V-REL) |
| 104 | 3do7-A | 7.9 | 4.4 | 127 | 296 | 14 | RECOMBINING BINDING PROTEIN SUPPRESSOR OF |
| 105 | 3nbn-A | 7.9 | 3.3 | 113 | 423 | 18 | CSL (Lag-1) bound to DNA with Lin-12 RAM peptide, C2221 |
| 106 | 3brf-A | 7.9 | 3.4 | 117 | 423 | 15 | RECOMBINING BINDING PROTEIN SUPPRESSOR OF |
| 107 | 3nbn-D | 7.9 | 3.3 | 111 | 423 | 17 | NOTCH-REGULATED ANKYRIN REPEAT-CONTAINING PROTEIN |
| 108 | 6py8-C | 7.9 | 3.4 | 112 | 429 | 17 | DNA (5'-D(*AP*AP*TP*CP*TP*TP*TP*CP*CP*AP*CP*AP NEUROGENIC LOCUS NOTCH HOMOLOG PROTEIN 1; RECOMBINING BINDING PROTEIN SUPPRESSOR OF |
| 109 | 5eg6-C | 7.9 | 2.9 | 108 | 413 | 18 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 110 | 3v79-C | 7.8 | 3.4 | 113 | 424 | 18 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 111 | 4j2x-C | 7.8 | 3.4 | 112 | 421 | 16 | RUNX1 TRANSCRIPTION FACTOR; |
| 112 | 1eao-B | 7.7 | 2.3 | 95 | 124 | 9 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 113 | 1eao-A | 7.7 | 2.3 | 95 | 124 | 9 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 114 | 1ljm-A | 7.7 | 2.5 | 98 | 114 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 115 | 1eaq-B | 7.7 | 2.3 | 95 | 125 | 9 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 116 | 1p7h-L | 7.7 | 3.3 | 121 | 286 | 19 | 5'-D(*AP*AP*TP*GP*GP*GP*GP*AP*CP*TP*TP*TP*CP*CP*A KAPPAB ENHANCER ELEMENT, DNA 25-MER; |
| 117 | 2o93-O | 7.6 | 3.5 | 124 | 287 | 19 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 118 | 1eaq-A | 7.6 | 2.2 | 94 | 124 | 10 | DNA (5'-D(*AP*AP*TP*CP*TP*TP*TP*CP*CP*AP*CP*AP RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 119 | 6dks-G | 7.6 | 3.2 | 110 | 422 | 19 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 120 | 1hjc-A | 7.6 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 121 | 1ean-A | 7.5 | 2.1 | 94 | 114 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 122 | 4j2x-A | 7.5 | 3.4 | 112 | 420 | 18 | RECOMBINING BINDING PROTEIN SUPPRESSOR OF |
| 123 | 2j6w-A | 7.4 | 2.3 | 95 | 124 | 9 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 124 | 5zhu-C | 7.4 | 3.3 | 110 | 180 | 13 | MYELIN REGULATORY FACTOR; |

| | | | | | | | |
|-----|--------|-----|-----|-----|------|----|---|
| 125 | 1ljm-B | 7.4 | 2.3 | 95 | 114 | 9 | RUNX1 TRANSCRIPTION FACTOR; |
| 126 | 1e50-Q | 7.4 | 2.4 | 95 | 110 | 9 | CORE-BINDING FACTOR ALPHA SUBUNIT; |
| 127 | 3wts-F | 7.4 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 128 | 3wtv-F | 7.4 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 129 | 3wtt-F | 7.4 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 130 | 1hjb-F | 7.4 | 2.5 | 98 | 120 | 10 | CCAAT/ENHANCER BINDING PROTEIN BETA; |
| 131 | 3wtu-F | 7.4 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 132 | 1io4-C | 7.4 | 2.4 | 97 | 120 | 10 | CSF-1R PROMOTER; |
| 133 | 3wty-F | 7.4 | 2.6 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 134 | 5zhu-B | 7.3 | 3.3 | 111 | 183 | 13 | MYELIN REGULATORY FACTOR; |
| 135 | 5e24-E | 7.3 | 4.3 | 114 | 424 | 16 | MALTOSE-BINDING PERIPLASMIC PROTEIN; |
| 136 | 1e50-E | 7.3 | 2.7 | 100 | 119 | 10 | CORE-BINDING FACTOR ALPHA SUBUNIT; |
| 137 | 1e50-R | 7.3 | 2.4 | 95 | 110 | 9 | CORE-BINDING FACTOR ALPHA SUBUNIT; |
| 138 | 3wtt-A | 7.3 | 2.6 | 98 | 119 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 139 | 3wtw-F | 7.3 | 2.5 | 98 | 119 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 140 | 1hjc-D | 7.3 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 141 | 3wtu-A | 7.3 | 2.6 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 142 | 3wtx-F | 7.3 | 2.5 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 143 | 3wtx-A | 7.3 | 2.6 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 144 | 3wtv-A | 7.3 | 2.6 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 145 | 3wty-A | 7.3 | 2.6 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 146 | 3wu1-A | 7.3 | 2.5 | 98 | 123 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 147 | 1e50-G | 7.3 | 2.5 | 98 | 119 | 10 | CORE-BINDING FACTOR ALPHA SUBUNIT; |
| 148 | 6ux2-A | 7.2 | 3 | 113 | 619 | 9 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 149 | 2j6w-B | 7.2 | 2.3 | 95 | 124 | 9 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 150 | 1e50-A | 7.2 | 2.4 | 95 | 115 | 11 | CORE-BINDING FACTOR ALPHA SUBUNIT; |
| 151 | 3x17-A | 7.2 | 3.3 | 106 | 548 | 7 | ENDOGLUCANASE; |
| 152 | 4l18-E | 7.2 | 2.5 | 98 | 141 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 153 | 4l18-A | 7.2 | 2.5 | 98 | 142 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 154 | 1h9d-A | 7.2 | 2.5 | 98 | 125 | 10 | CORE-BINDING FACTOR ALPHA SUBUNIT1; |
| 155 | 3wts-A | 7.2 | 2.6 | 98 | 119 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 156 | 1h9d-C | 7.2 | 2.5 | 98 | 125 | 10 | CORE-BINDING FACTOR ALPHA SUBUNIT1; |
| 157 | 4l0z-A | 7.2 | 2.5 | 98 | 147 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 158 | 3wtw-A | 7.2 | 2.6 | 98 | 118 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 159 | 1hjb-C | 7.2 | 2.5 | 98 | 120 | 10 | CCAAT/ENHANCER BINDING PROTEIN BETA; |
| 160 | 5u01-D | 7.1 | 3.2 | 116 | 273 | 15 | TRANSCRIPTION FACTOR P65; |
| 161 | 3x17-B | 7.1 | 3.2 | 106 | 548 | 8 | ENDOGLUCANASE; |
| 162 | 5h5p-A | 7.1 | 3.2 | 110 | 184 | 13 | MYELIN REGULATORY FACTOR; |
| 163 | 4l0y-A | 7.1 | 2.5 | 98 | 128 | 10 | RUNT-RELATED TRANSCRIPTION FACTOR 1; |
| 164 | 1e50-C | 7.1 | 2.5 | 98 | 125 | 10 | CORE-BINDING FACTOR ALPHA SUBUNIT; |
| 165 | 5e24-F | 6.9 | 4.4 | 112 | 422 | 17 | MALTOSE-BINDING PERIPLASMIC PROTEIN; |
| 166 | 5yhu-B | 6.9 | 3.3 | 110 | 182 | 13 | MYELIN REGULATORY FACTOR; |
| 167 | 5zhu-A | 6.9 | 3.2 | 110 | 183 | 13 | MYELIN REGULATORY FACTOR; |
| 168 | 5yhu-A | 6.8 | 3.5 | 111 | 191 | 13 | MYELIN REGULATORY FACTOR; |
| 169 | 1f02-l | 6.8 | 2.6 | 94 | 282 | 7 | INTIMIN; |
| 170 | 1f00-l | 6.7 | 2.9 | 94 | 282 | 7 | INTIMIN; |
| 171 | 3aaz-A | 6.7 | 3.9 | 106 | 228 | 9 | HUMANIZED RECOMBINANT FAB FRAGMENT OF A MURINE; |
| 172 | 3ly6-A | 6.7 | 3 | 92 | 683 | 7 | PROTEIN-GLUTAMINE GAMMA-GLUTAMYLTRANSFERASE 2; |
| 173 | 3ly6-B | 6.7 | 3.1 | 92 | 683 | 7 | PROTEIN-GLUTAMINE GAMMA-GLUTAMYLTRANSFERASE 2; |
| 174 | 4fxk-B | 6.7 | 3.3 | 97 | 697 | 9 | COMPLEMENT C4 BETA CHAIN; |
| 175 | 4d94-A | 6.7 | 4.6 | 114 | 1274 | 10 | THIOESTER-CONTAINING PROTEIN 1; |
| 176 | 4r7f-A | 6.6 | 3.2 | 107 | 397 | 7 | UNCHARACTERIZED PROTEIN; |
| 177 | 6grt-A | 6.6 | 3.3 | 102 | 593 | 8 | PAIRED IMMUNOGLOBULIN-LIKE RECEPTOR B; |
| 178 | 3aaz-H | 6.6 | 3.8 | 103 | 229 | 10 | HUMANIZED RECOMBINANT FAB FRAGMENT OF A MURINE; |
| 179 | 5uqy-D | 6.6 | 3.4 | 101 | 218 | 8 | ENVELOPE GLYCOPROTEIN GP1; |
| 180 | 5jpn-A | 6.6 | 4.2 | 114 | 651 | 11 | COMPLEMENT C4-A; |
| 181 | 6dks-C | 6.5 | 3.3 | 113 | 417 | 19 | DNA (5'-D(*AP*AP*TP*CP*TP*TP*TP*CP*CP*CP*AP*CP*AP |
| 182 | 3lso-A | 6.5 | 3.1 | 93 | 445 | 6 | PUTATIVE MEMBRANE ANCHORED PROTEIN; |
| 183 | 3lso-B | 6.5 | 3.7 | 97 | 445 | 7 | PUTATIVE MEMBRANE ANCHORED PROTEIN; |
| 184 | 1p84-J | 6.5 | 3.8 | 103 | 127 | 10 | UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX CORE PRO |
| 185 | 1kyo-U | 6.5 | 3.8 | 102 | 127 | 9 | UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX CORE PRO |
| 186 | 2ibz-X | 6.5 | 3.8 | 104 | 127 | 10 | UBIQUINOL-CYTOCHROME-C REDUCTASE COMPLEX CORE PRO |
| 187 | 5uqy-H | 6.5 | 3.4 | 101 | 220 | 8 | ENVELOPE GLYCOPROTEIN GP1; |
| 188 | 6ysq-B | 6.5 | 4.5 | 118 | 651 | 12 | COMPLEMENT C4 BETA CHAIN; |
| 189 | 4fxk-A | 6.5 | 4.1 | 116 | 651 | 10 | COMPLEMENT C4 BETA CHAIN; |
| 190 | 5hcc-B | 6.5 | 4.4 | 117 | 647 | 10 | COMPLEMENT C5; |
| 191 | 4e68-A | 6.4 | 3.6 | 123 | 559 | 11 | Unphosphorylated STAT3B core protein binding to dsDNA |
| 192 | 2ice-A | 6.4 | 3.6 | 106 | 642 | 9 | COMPLEMENT C3 BETA CHAIN; |

| | | | | | | | |
|-----|--------|-----|-----|-----|------|----|--|
| 193 | 4b0m-M | 6.4 | 4.3 | 105 | 212 | 10 | F1 CAPSULE-ANCHORING PROTEIN; |
| 194 | 6grq-A | 6.4 | 3.3 | 102 | 536 | 7 | PAIRED IMMUNOGLOBULIN-LIKE RECEPTOR B; |
| 195 | 6h3j-C | 6.4 | 3.7 | 108 | 397 | 8 | PROTEIN INVOLVED IN GLIDING MOTILITY SPRA; |
| 196 | 5weq-B | 6.4 | 3.2 | 100 | 219 | 10 | MR78 MUTANT LIGHT CHAIN; |
| 197 | 3mIn-A | 6.4 | 2.7 | 109 | 206 | 12 | TRANSCRIPTION FACTOR COE1; |
| 198 | 5fo9-A | 6.4 | 3.2 | 98 | 642 | 8 | COMPLEMENT C3 BETA CHAIN; |
| 199 | 4f37-F | 6.4 | 3.8 | 102 | 225 | 9 | COLICIN-E7 IMMUNITY PROTEIN; |
| 200 | 4yzf-G | 6.4 | 3.6 | 99 | 223 | 8 | BAND 3 ANION TRANSPORT PROTEIN; |
| 201 | 5a16-C | 6.4 | 3.6 | 99 | 226 | 7 | FAB4201 HEAVY CHAIN; |
| 202 | 4yr6-A | 6.4 | 3.4 | 99 | 215 | 10 | HEAVY CHAIN OF 5G6; |
| 203 | 4irz-H | 6.4 | 3.8 | 102 | 217 | 9 | INTEGRIN ALPHA4 SUBUNIT; |
| 204 | 2erj-B | 6.4 | 3.6 | 94 | 204 | 3 | INTERLEUKIN-2 RECEPTOR ALPHA CHAIN; |
| 205 | 4cn4-B | 6.4 | 3.3 | 113 | 649 | 7 | ALPHA-1,4-GLUCAN\MALTOSE-1-PHOSPHATE MALTOSYLTRA |
| 206 | 4fxg-B | 6.4 | 3.4 | 97 | 740 | 9 | COMPLEMENT C4 BETA CHAIN; |
| 207 | 5fjb-E | 6.4 | 3.6 | 100 | 213 | 9 | ANTI-HCV E2 FAB HC84-1 LIGHT CHAIN; |
| 208 | 4w2o-G | 6.4 | 3.8 | 99 | 118 | 6 | ANTI-MARBURGVIRUS NUCLEOPROTEIN SINGLE DOMAIN ANT |
| 209 | 1ezv-X | 6.4 | 3.7 | 102 | 127 | 10 | UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX CORE |
| 210 | 3kIs-A | 6.4 | 4.4 | 115 | 1622 | 10 | COMPLEMENT C5; |
| 211 | 3km9-A | 6.4 | 4.4 | 117 | 1459 | 10 | COMPLEMENT C5; |
| 212 | 4e0s-A | 6.4 | 3.8 | 113 | 1552 | 12 | COMPLEMENT C5; |
| 213 | 3pvm-A | 6.4 | 4.1 | 116 | 1627 | 12 | COMPLEMENT C5; |
| 214 | 5hcd-B | 6.4 | 4.4 | 117 | 647 | 10 | COMPLEMENT C5; |
| 215 | 5hce-B | 6.4 | 4.4 | 117 | 647 | 10 | COMPLEMENT C5; |
| 216 | 4u48-A | 6.3 | 3.9 | 107 | 1538 | 19 | PUTATIVE INNER MEMBRANE LIPOPROTEIN; |
| 217 | 5lgy-A | 6.3 | 3.3 | 113 | 649 | 7 | ALPHA-1,4-GLUCAN\MALTOSE-1-PHOSPHATE MALTOSYLTRAN |
| 218 | 4yzf-E | 6.3 | 3.5 | 99 | 223 | 8 | BAND 3 ANION TRANSPORT PROTEIN; |
| 219 | 5cvs-B | 6.3 | 3.3 | 113 | 649 | 7 | ALPHA-1,4-GLUCAN\MALTOSE-1-PHOSPHATE MALTOSYLTRAN |
| 220 | 5a16-E | 6.3 | 3.4 | 99 | 226 | 8 | FAB4201 HEAVY CHAIN; |
| 221 | 5a16-A | 6.3 | 3.4 | 99 | 226 | 8 | FAB4201 HEAVY CHAIN; |
| 222 | 4yzf-K | 6.3 | 3.9 | 106 | 223 | 8 | BAND 3 ANION TRANSPORT PROTEIN; |
| 223 | 5a16-G | 6.3 | 3.3 | 99 | 226 | 8 | FAB4201 HEAVY CHAIN; |
| 224 | 5lgy-B | 6.3 | 3.3 | 113 | 649 | 7 | ALPHA-1,4-GLUCAN\MALTOSE-1-PHOSPHATE MALTOSYLTRAN |
| 225 | 3mlp-A | 6.3 | 2.6 | 107 | 337 | 12 | TRANSCRIPTION FACTOR COE1; |
| 226 | 4cn6-B | 6.3 | 3.3 | 113 | 649 | 7 | ALPHA-1,4-GLUCAN\MALTOSE-1-PHOSPHATE MALTOSYLTRA |
| 227 | 4cn6-A | 6.3 | 3.3 | 113 | 649 | 7 | ALPHA-1,4-GLUCAN\MALTOSE-1-PHOSPHATE MALTOSYLTRA |
| 228 | 1fgv-H | 6.3 | 3.6 | 102 | 120 | 7 | H52 FV (LIGHT CHAIN); |
| 229 | 2or9-I | 6.3 | 3.5 | 105 | 228 | 9 | MONOCLONAL ANTI-C-MYC ANTIBODY 9E10; |
| 230 | 4x7e-C | 6.3 | 4 | 103 | 121 | 8 | CAPSID PROTEIN; |
| 231 | 4w2o-A | 6.3 | 3.6 | 100 | 118 | 7 | ANTI-MARBURGVIRUS NUCLEOPROTEIN SINGLE DOMAIN ANT |
| 232 | 6i2g-A | 6.3 | 3.7 | 103 | 121 | 9 | ALFA NANOBODY; |
| 233 | 3cu7-A | 6.3 | 4.4 | 116 | 1625 | 12 | COMPLEMENT C5; |
| 234 | 4s0h-A | 6.3 | 3.4 | 106 | 176 | 8 | T-BOX TRANSCRIPTION FACTOR TBX5; |
| 235 | 3km9-B | 6.3 | 4.4 | 115 | 1459 | 10 | COMPLEMENT C5; |
| 236 | 4hjj-H | 6.2 | 3.8 | 99 | 341 | 8 | INTERLEUKIN-18; |
| 237 | 1cwv-A | 6.2 | 2.4 | 86 | 484 | 8 | INVASIN; |
| 238 | 6njs-A | 6.2 | 3.7 | 120 | 523 | 9 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 239 | 5d39-D | 6.2 | 3.7 | 124 | 487 | 10 | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION |
| 240 | 5ow3-C | 6.2 | 3 | 98 | 446 | 7 | PROTEIN HAPLESS 2; |
| 241 | 3qrg-H | 6.2 | 3.7 | 100 | 220 | 10 | FAB LIGHT CHAIN; |
| 242 | 3ly6-C | 6.2 | 3 | 92 | 683 | 7 | PROTEIN-GLUTAMINE GAMMA-GLUTAMYLTRANSFERASE 2; |
| 243 | 2xwj-C | 6.2 | 3.7 | 103 | 640 | 9 | COMPLEMENT C3 BETA CHAIN; |
| 244 | 3mlo-A | 6.2 | 2.8 | 110 | 212 | 13 | TRANSCRIPTION FACTOR COE1; |
| 245 | 3vrl-E | 6.2 | 3.6 | 102 | 222 | 12 | A10F9 FAB HEAVY CHAIN; |
| 246 | 3rkd-D | 6.2 | 3.4 | 101 | 218 | 7 | CAPSID PROTEIN; |
| 247 | 1ztx-H | 6.2 | 3.8 | 102 | 219 | 8 | ENVELOPE PROTEIN; |
| 248 | 2co6-B | 6.2 | 4.2 | 105 | 208 | 8 | PUTATIVE OUTER MEMBRANE PROTEIN; |
| 249 | 5dqj-H | 6.2 | 3.6 | 105 | 222 | 9 | S55-5 FAB (IGG1 KAPPA) LIGHT CHAIN; |
| 250 | 2co7-B | 6.2 | 3.8 | 100 | 197 | 9 | SAFA PILUS SUBUNIT; |
| 251 | 5dqj-A | 6.2 | 3.5 | 104 | 222 | 9 | S55-5 FAB (IGG1 KAPPA) LIGHT CHAIN; |
| 252 | 3j42-I | 6.2 | 3.6 | 103 | 216 | 11 | ENVELOPE PROTEIN E; |
| 253 | 4hd9-A | 6.2 | 3.6 | 101 | 197 | 12 | MUCOSAL ADDRESSIN CELL ADHESION MOLECULE 1; |
| 254 | 4x7e-D | 6.2 | 3.9 | 102 | 120 | 8 | CAPSID PROTEIN; |
| 255 | 4hcr-B | 6.2 | 3.3 | 99 | 194 | 12 | PF-547659 HEAVY CHAIN; |

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| 256 | 3so3-C | 6.2 | 3.6 | 102 | 220 | 11 | SUPPRESSOR OF TUMORIGENICITY 14 PROTEIN; |
| 257 | 1t03-H | 6.2 | 3.7 | 101 | 225 | 10 | SYNTHETIC OLIGONUCLEOTIDE TEMPLATE; |
| 258 | 4w2o-E | 6.2 | 3.6 | 98 | 118 | 7 | ANTI-MARBURGVIRUS NUCLEOPROTEIN SINGLE DOMAIN ANT |
| 259 | 4p2c-J | 6.2 | 4 | 105 | 127 | 8 | SHIGA TOXIN 2E, SUBUNIT A; |
| 260 | 1p53-A | 6.2 | 3.2 | 91 | 250 | 12 | INTERCELLULAR ADHESION MOLECULE-1; |
| 261 | 3hs0-A | 6.2 | 3.9 | 106 | 613 | 7 | COBRA VENOM FACTOR; |
| 262 | 1nc4-B | 6.2 | 3.6 | 96 | 219 | 8 | MONOCLONAL ANTIBODY 2D12.5, LAMBDA LIGHT CHAIN; |
| 263 | 5jtw-A | 6.2 | 4.3 | 112 | 651 | 11 | COMPLEMENT C4-A; |
| 264 | 3bpl-B | 6.1 | 3.9 | 98 | 202 | 7 | INTERLEUKIN-4; |
| 265 | 1bqs-A | 6.1 | 3.6 | 102 | 209 | 11 | PROTEIN (MUCOSAL ADDRESSIN CELL ADHESION MOLECULE |
| 266 | 4rtd-A | 6.1 | 3.8 | 104 | 1122 | 16 | UNCHARACTERIZED LIPOPROTEIN YFHM; |
| 267 | 3cmg-A | 6.1 | 6.2 | 87 | 661 | 3 | PUTATIVE BETA-GALACTOSIDASE; |
| 268 | 4g6k-H | 6.1 | 3.7 | 104 | 220 | 8 | HEAVY CHAIN OF GEVOKIZUMAB ANTIBODY BINDING |
| 269 | 2gcy-B | 6.1 | 3.7 | 102 | 218 | 9 | HUC25 FAB FRAGMENT LIGHT CHAIN; |
| 270 | 4yzt-I | 6.1 | 3.6 | 98 | 223 | 8 | BAND 3 ANION TRANSPORT PROTEIN; |
| 271 | 3klh-D | 6.1 | 3.7 | 100 | 225 | 11 | REVERSE TRANSCRIPTASE/RIBONUCLEASE H; |
| 272 | 3mln-B | 6.1 | 2.7 | 106 | 213 | 12 | TRANSCRIPTION FACTOR COE1; |
| 273 | 4oi9-A | 6.1 | 3.1 | 98 | 378 | 11 | INTERCELLULAR ADHESION MOLECULE 5; |
| 274 | 6ysq-A | 6.1 | 4.5 | 99 | 651 | 9 | COMPLEMENT C4 BETA CHAIN; |
| 275 | 3mlp-B | 6.1 | 2.8 | 108 | 332 | 12 | TRANSCRIPTION FACTOR COE1; |
| 276 | 4hix-H | 6.1 | 3.8 | 103 | 219 | 8 | HUMANIZED 3D6 FAB HEAVY CHAIN; |
| 277 | 3mlp-E | 6.1 | 2.7 | 108 | 303 | 12 | TRANSCRIPTION FACTOR COE1; |
| 278 | 4hzi-H | 6.1 | 3.8 | 102 | 217 | 10 | FAB HEAVY CHAIN; |
| 279 | 3mlp-F | 6.1 | 2.8 | 108 | 298 | 12 | TRANSCRIPTION FACTOR COE1; |
| 280 | 4uao-C | 6.1 | 3.8 | 103 | 223 | 9 | APICAL MEROZOITE ANTIGEN 1; |
| 281 | 5dq9-C | 6.1 | 3.6 | 102 | 217 | 9 | S55-3 FAB (IGG2B) HEAVY CHAIN; |
| 282 | 1z7z-I | 6.1 | 3.1 | 97 | 434 | 11 | HUMAN COXSACKIEVIRUS A21; |
| 283 | 4r4b-B | 6.1 | 3.8 | 104 | 220 | 11 | FAB 2.2C LIGHT CHAIN; |
| 284 | 3j42-K | 6.1 | 3.7 | 104 | 216 | 11 | ENVELOPE PROTEIN E; |
| 285 | 1ad9-H | 6.1 | 4 | 97 | 219 | 5 | IGG CTM01 FAB (LIGHT CHAIN); |
| 286 | 3p0g-B | 6.1 | 3.8 | 102 | 121 | 6 | BETA-2 ADRENERGIC RECEPTOR, LYSOZYME; |
| 287 | 4cdg-D | 6.1 | 4 | 101 | 122 | 7 | BLOOM SYNDROME PROTEIN; |
| 288 | 4zff-A | 6.1 | 3.5 | 101 | 206 | 8 | FRAGMENT ANTIGEN BINDING (FAB) 5A12 HEAVY CHAIN; |
| 289 | 3tnm-H | 6.1 | 3.7 | 100 | 221 | 10 | FAB HEAVY CHAIN OF HUMAN ANTI-HIV-1 ENV ANTIBODY |
| 290 | 4u6v-H | 6.1 | 3.7 | 101 | 218 | 9 | FAB, ANTIGEN BINDING FRAGMENT, HEAVY CHAIN; |
| 291 | 6h7k-D | 6.1 | 3.5 | 93 | 120 | 5 | THIOREDOXIN 1; |
| 292 | 1p53-B | 6.1 | 3 | 91 | 250 | 11 | INTERCELLULAR ADHESION MOLECULE-1; |
| 293 | 1gig-H | 6.1 | 3.7 | 101 | 221 | 9 | IGG1-KAPPA HC19 FAB (LIGHT CHAIN); |
| 294 | 5o04-D | 6.1 | 3.9 | 101 | 119 | 7 | CAPSID PROTEIN; |
| 295 | 3inu-H | 6.1 | 3.6 | 104 | 226 | 11 | KZ52 ANTIBODY FRAGMENT HEAVY CHAIN; |
| 296 | 4oga-C | 6.1 | 3.6 | 102 | 118 | 9 | INSULIN A CHAIN; |
| 297 | 2jff-H | 6.1 | 3.7 | 101 | 218 | 8 | LIGHT CHAIN OF A VEGF BINDING ANTIBODY; |
| 298 | 4zff-H | 6.1 | 3.5 | 101 | 211 | 8 | FRAGMENT ANTIGEN BINDING (FAB) 5A12 HEAVY CHAIN; |
| 299 | 6apq-A | 6.1 | 3.2 | 96 | 119 | 7 | ANTI-MARBURGVIRUS NUCLEOPROTEIN SINGLE DOMAIN ANT |
| 300 | 4ldl-B | 6.1 | 3.8 | 97 | 120 | 7 | LYSOZYME, BETA-2 ADRENERGIC RECEPTOR; |