```
Sequence 1     20 QVQLVQSGAEVKKPGASVKVSCKASGYIFTDYAMHWVRQAPGQGLEWMGTFIPLLDTSDY
Sequence 2      1 QVQLVQSGAEVKKPGASVKVSCKASGYIFTDYAMHWVRQAPGQGLEWMGTFIPLLDTSDY
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Sequence 1     80 AQKFQGRVTMTADTSTSTAYMELRSLRSDDTAVYYCARMGVTHSYVMDAWGQGTLVTVSS
Sequence 2     61 NQNFKGRVTMTTDTSTSTAYMELRSLRSDDTAVYYCARMGVTHSYVMDAWGQGTLVTVSS
                   * * ****** ***********************************************

Sequence 1    140 ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSS
Sequence 2    121 ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSS
                  ************************************************************

Sequence 1    200 GLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGG
Sequence 2    181 GLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGG
                  ************************************************************

Sequence 1    260 PSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN
Sequence 2    241 PSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN
                  ************************************************************

Sequence 1    320 STYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDE
Sequence 2    301 STYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDE
                  ************************************************************

Sequence 1    380 LTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRW
Sequence 2    361 LTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRW
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Sequence 1    440 QQGNVFSCSVMHEALHNHYTQKSLSLSPGK
Sequence 2    421 QQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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FIG. 1