

Supplemental Data 2

Sollid L.M., Qiao S.W., Anderson R.P., Gianfrani C., Koning F., 2012, Nomenclature and listing of celiac disease relevant gluten T-cell epitopes restricted by HLA-DQ molecules, *Immunogenetics*, 64(6): 455-460 doi:10.1007/s00251-012-0599-z

Presence of coeliac inducing protein epitope: QGYYPTSPQ

Bx17 (AB263219.1) with 4 copies of QGYYPTSPQ

MAKRLVLFAAVVVALVALTAAEGEASGQLQCEHELEACQVVDQQLRDVSPGCRPITVSPGTRQYEQQPVVPSKAGSFYPS
ETTPSQQLQQMIFWGIPALLRRYYPSVTSSQQGSYYPGQASPQQSGGQQPGQEQQPGGQDQQPGRQQGYYPTSPQQP
GQGGQLGQGPGYYPTSPQPGKQQAGQGGQSGGQQGYYPTSPQSGGQQPGGQPGYYPTSPQSGQWQPGGQ
QPGGQQSGGQQGGQPGGQRPGGQGGYYPISPPGQGGQSGGQPGYYPTSLRQPGWQPGGQQPGGQQGGQ
QPGGQQSGGQQGGYYPTSLQPGGQQLGQGPGYYPTSSQSEQGQPGGQKPGGQQGYYPTSPQSGGQQLGQ
GPGYYPTSPQSGGQQSGGQQGGQQGYYPTSPQSGGQPGGQSGYFPTSRQSGGQPGGQQSGGQQGGQQPGGQ
QAYYPTSSQSRQRQAGQWRPGGQPGYYPTSPQPGQEQSGQAQSGQWQLVYYTSPQPGQLQPAQGGQPA
QGGQSAEQQPGQAQSGQWQLVYYTSPQSGGQQGYYPTSPQSGGQQPGGQQPRGQQGYYPISPPQSGGQ
PGGQQGYYPTSPQSGGQQPGWLQPGGQQGYYPTSSQSGGQHSGGQQGYYPTSLWQPGGQQGYASPYHVS
AEYQAARLKVAKAQQLAAQLPAMCRLEGSDALSTRQ.

By18 (KF430649.1) with 5 copies of QGYYPTSPQ

MRCCQQLRDVSAKCRPVAVSQVVRQYEQTVVPPKGGSFYPGETTPLQQLQVIFWGTSSQTVQGYYPSVSSPQGGPYYPG
QASPPQGGQQPGKWQELGQGGQGYYPTSLHQSGGQGGYYPSSLQQPGGQQIGGQGYYPTSLQPGGQQIGGQ
QQGYYPTSPQHPGRQQPGGQQIGGQQLGGRQIGGQQSGGQQQGYYPTSPQLGQGGQPGWQSGGQQGYYP
TSQQPGGQQGGQYPASQQPGGQQGGQYPASQQPGGQQGGQYPASQQPAQGGQGGQYPASQQPGGQQGGHYLASQ
QPGGQQRHYPASLQPGGQQGGHYTASLQPGGQQHYPASLQVGGQQGGQIGQLGRQQPGGQTRGQQLEQ
QPGGQQTRGQQLEGGQPGGQQGYYPTSPQSGGQQPGGQQGGQGYSSLQPGGLQGHYPASLQPGGQ
QHPGRQQPGGQQPEGGQPGGQQGYYPTSPQPGGQKQLGQQGYYPTSPQPGGQQPGGQGHCPTSPQ
TGQAQPGGQQQIGQVQPGGQQGGYYPTSLQSGGQQSGGQQQSEQGHQLGQGGQQSGQEQGGYDNPYHVNTEQTA
SPKVAKVQPATQLPIMCRMEGGDALSASQ.