| Reference  | Fragment sequence | Site Position |
|------------|-------------------|---------------|
| sp|070405|ULK1_MOUSE | K.DRMDFDEFFHHFPLDAS # TPIKK.S | 281 |
| sp|070405|ULK1_MOUSE | K.TLTS # PADAAGFYQGSR.D | 330 |
| sp|070405|ULK1_MOUSE | K.TLTSPADAAGFLQGS # R.D | 341 |
| sp|070405|ULK1_MOUSE | R.YGAS # VPIPPTQVHNYQR.I | 429 |
| sp|070405|ULK1_MOUSE | R.VPS # PQGADV.R.V | 521 |
| sp|070405|ULK1_MOUSE | R.VGRS # PRPGSSVPEHS PR.T | 532 |
| sp|070405|ULK1_MOUSE | R.SPRTGS # PRPGSSVPEHS PR.T | 543 |
| sp|070405|ULK1_MOUSE | R.LHS # APNLSDFHVVRP.K.L | 555 |
| sp|070405|ULK1_MOUSE | R.PLRS # PKLPDFLQR.S | 604 |
| sp|070405|ULK1_MOUSE | R.S # PLPPILGSPTK.A | 614 |
| sp|070405|ULK1_MOUSE | R.QGVVMT # PPRNR.T | 653 |
| sp|070405|ULK1_MOUSE | R.SFS # TS.R.I | 693 |
| sp|070405|ULK1_MOUSE | R.GGASSAPAVPFTVGSPS # GATPPQSTR.T | 760 |
| sp|070405|ULK1_MOUSE | R.MFS # VGSSSLGSTGSSSAR.H | 774 |
| sp|070405|ULK1_MOUSE | R.GSA# AAGGPEYQLQEVSVDQIS # QLSR.E | 889 |
| sp|070405|ULK1_MOUSE | R.ASVVCQGLS # LR.L | 955 |
| sp|070405|ULK1_MOUSE | R.LILS # HAVQMVSALDEMFQHR.E | 983 |
| sp|070405|ULK1_MOUSE | R.LILSHAVQMVS # AALDEMFQHR.E | 991 |
| sp|070405|ULK1_MOUSE | R.RLS # ALLSGVYA. | 1043 |
| sp|070405|ULK1_MOUSE | R.LSALLS # GVVYA. | 1047 |

**Table S1.** Amino acid residues in overexpressed FLAG-ULK1 that are phosphorylated in the presence of overexpressed active p38β MAPK in HEK293 cells (see Material and Method for experimental procedure). # denotes phosphorylated residues.