

Subdomains	Number of Residues	Amino Acids Involved
SH3	60	1-60
N	154	61-184 & 654-683
U50	230	199-340 & 354-438 & 575-593
L50	135	448-540 & 547-569 & 635-653
C	63	700-762
IQ	33	763-795
ELC	151	1-151

Linkers	Number of Residues	Amino Acids Involved
P-loop	9	161-169
switch I	11	209-219
switch II	12	437-448
strut	6	569-574
SH1 helix	10	687-696

TABLE S1: The myosin V subdomains and linkers. For each element the name, the number of residues, the amino acids involved are specified.