

Table I
 Amino Acid Composition of Hook Protein
 from *E. coli* MS1381 and Flagellin
 from *E. coli* MS1350^{a,b}

Amino acid	Flagellin	Hook
Lysine	32	15
<i>N</i> -Methyllysine	0	0
Histidine	2	2
Arginine	15	8
Aspartic acid	75	71
Threonine	44	40
Serine	38	36
Glutamic acid	37	36
Proline	6	10
Glycine	42	40
Alanine	53	40
Valine	26	18
Methionine	4	10
Isoleucine	18	14
Leucine	33	31
Tyrosine	10	12
Phenylalanine	6	18
Tryptophan	0	2

^aThe data are from Silverman and Simon (1972).

^bThe number of amino acid residues per molecule of molecular weights (42,000 for hook protein and 54,000 for flagellin, respectively).