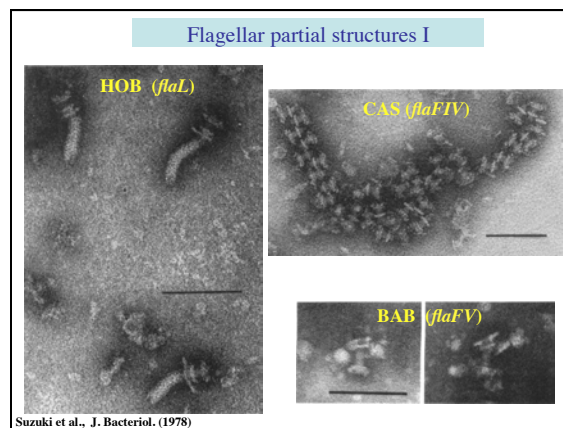
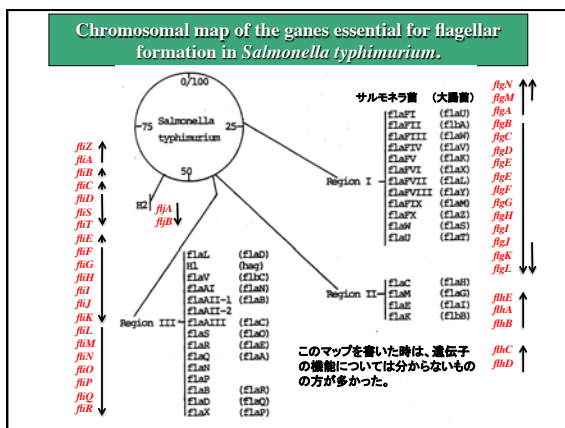
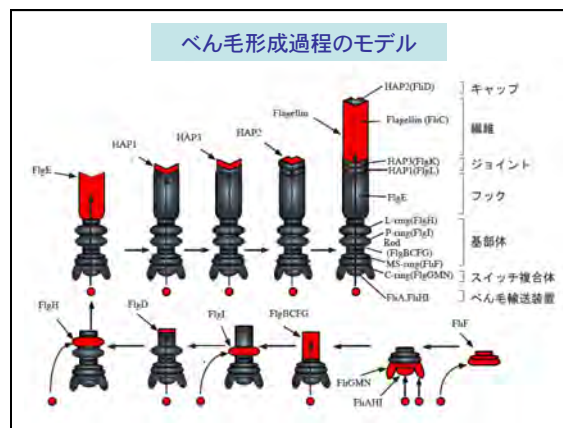
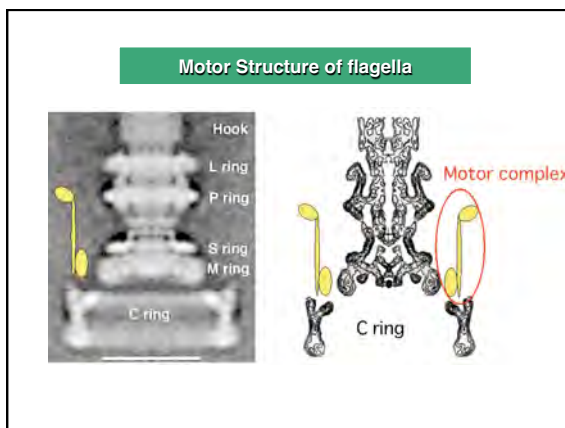
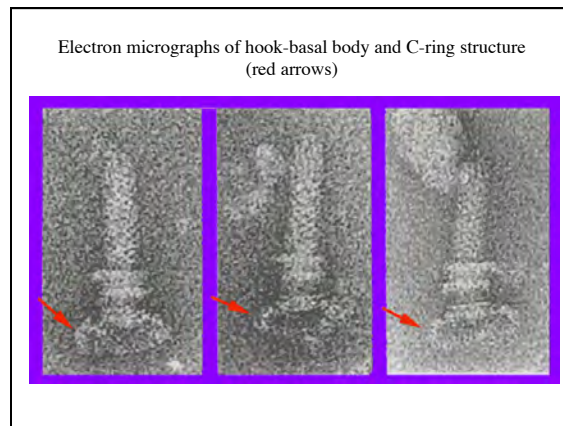
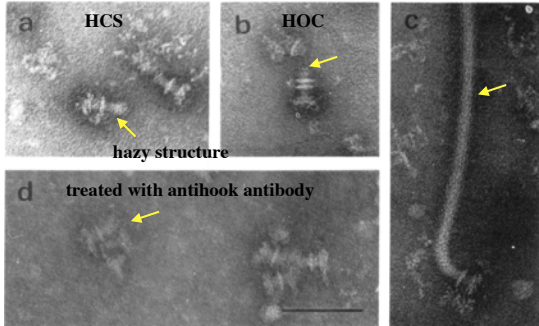


Ocyl Glucoside	非イオン性	27	8,000	292	23-25	0.6716 - 0.7306	> 100	容易
Ocylthio Glucoside	非イオン性	-	-	308	9	0.2772	> 100	容易
SDS	陰イオン性	62	18,000	288	6-8	0.1728 - 2304	> 100	容易
CHAPS	両イオン性	10	6,148	815	8-10	0.4920 - 0.6150	> 100	容易
CHAPSO	両イオン性	11	6,940	831	8-10	0.5048	90	容易



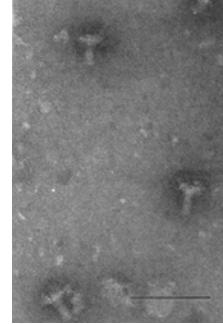
Flagellar partial structures II: from a *flaFVIII* mutant



Suzuki et al., J. Bacteriol. (1978)

Flagellar partial structures III

RIV and HRV (*flaFIX*)



Suzuki et al., J. Bacteriol. (1978)

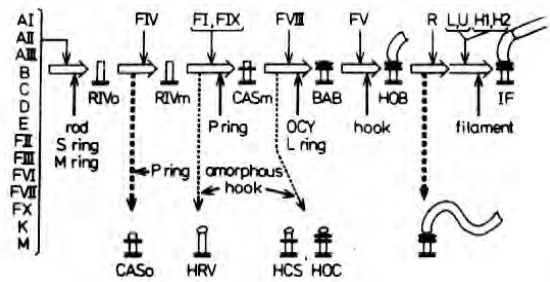
Frequencies of flagellar structures detected in nonflagellate mutants*

Determination	Structural entity									
	IF	HOB	BAB	CAS	RIV	RCT	HCS	HRV	HOC	
Flagellate parent	+++	+	+	+ or - ^f	+	+ or -	-	-	-	-
<i>HI - HF</i>	-	++	+	+ or -	+	-	-	-	-	-
<i>flaL</i>	-	++	+	+ or -	+	-	-	-	-	-
<i>flaU</i>	-	++	+	+ or -	+	-	-	-	-	-
<i>flaR</i>	-	++	+	+ or -	+	-	-	-	-	-
<i>flaFV</i>	-	++	+	+ or -	+	-	-	-	-	-
<i>flaFVIII</i>	-	-	-	+	++	+	++	+ or -	-	-
<i>flaFI</i>	-	-	-	+	++	+	++	+	-	-
<i>flaFIX</i>	-	-	-	++	++	+	++	++	-	-
<i>flaFIV</i>	-	-	-	++	++	+	++	++	-	-
<i>flaAI</i>	-	-	-	+	+	-	-	-	-	-
<i>flaAII</i>	++ ^f	-	-	+	+	-	-	-	-	-
(<i>musC</i>)	-	-	-	+	+	-	-	-	-	-
<i>flaAIII</i>	++ ^f	-	-	+	+	-	-	-	-	-
<i>flaB</i>	-	-	-	-	-	-	-	-	-	-
<i>flaC</i>	-	-	-	-	-	-	-	-	-	-
<i>flaD</i>	-	-	-	-	-	-	-	-	-	-
<i>flaE</i>	-	-	-	-	-	-	-	-	-	-
<i>flaFII</i>	-	-	-	-	-	-	-	-	-	-
<i>flaFIII</i>	-	-	-	-	-	-	-	-	-	-
<i>flaFVI</i>	-	-	-	-	-	-	-	-	-	-
<i>flaFVII</i>	-	-	-	-	-	-	-	-	-	-
<i>flaFX</i>	-	-	-	-	-	-	-	-	-	-
<i>flaK</i>	-	-	-	-	-	-	-	-	-	-
<i>flaM</i>	-	-	-	-	-	-	-	-	-	-

* The frequencies of IF and flagellar basal structures detected in fraction BMII of flagellate parents and nonflagellate mutants are shown.
 +++, The count of each structural entity from 1/50 to 1/5 the count of IF in its flagellate parent.
 ++, The count of each structural entity from 1/100 to 1/50 the count of IF in its flagellate parent.
 +, The count of each structural entity less than 1/100 the count of IF in its flagellate parent.
 - Polyhook basal body complexes were detected.
^f Paralyzed flagella, which were not discriminated morphologically from the IF of their flagellate parent.

Suzuki et al., J. Bacteriol. (1978)

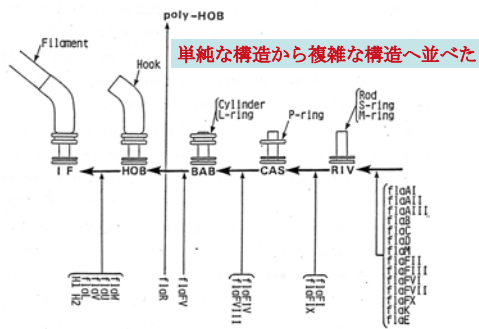
Hypothetical scheme of the pathway of flagellar morphogenesis



単純な構造から複雑な構造へ並べた

Suzuki et al., J. Bacteriol. (1978)

Stepwise process of flagellar morphogenesis in *Salmonella* inferred from the flagellar structures detected on nonflagellate mutants.



単純な構造から複雑な構造へ並べた

沈降係数

