

Proteins that are Specific for Species from the Flavobacteriales Order

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orf No. [Accession No.]	Possible/Predicted Function	Genome ID No. [Accession No.]	Possible/Predicted Function
orf89 [CAL65078] ^b	membrane protein	orf1826 [CAL66812]	hypothetical protein
orf92 [CAL65081]	secreted protein	orf1872 [CAL66858]	hypothetical protein
orf107 [CAL65096]	membrane protein	orf2280 [CAL67264] ^c	hypothetical protein
orf110 [CAL65099]	conserved hypothetical protein	orf2667 [CAL67651]	conserved hypothetical protein
orf191 [CAL65180]	membrane or secreted protein	orf2698 [CAL67682]	secreted protein
orf403 [CAL65392] ^b	hypothetical protein	orf2700 [CAL67684]	hypothetical protein
orf509 [CAL65498] ^c	hypothetical protein	orf2718 [CAL67702]	hypothetical protein
orf612 [CAL65599] ^b	secreted protein	orf2731 [CAL67715] ^b	secreted protein
orf983 [CAL65970] ^a	hypothetical protein	orf2756 [CAL67740]	secreted protein
orf995 [CAL65982]	phospholipid/glycerol acyltransferase; smart00563, PlsC	orf2825 [CAL67809]	secreted protein
orf998 [CAL65985]	membrane protein	orf2844 [CAL67828]	membrane protein
orf1059 [CAL66046]	membrane protein	orf2917 [CAL67899]	secreted protein
orf1078 [CAL66065] ^a	membrane or secreted protein	orf2939 [CAL67921]	hypothetical; COG1577, ERG12
orf1453 [CAL66440]	secreted protein	orf3043 [CAL68025]	hypothetical protein
orf1469 [CAL66456] ^a	secreted protein	orf3076 [CAL68058] ^c	hypothetical protein
orf1555 [CAL66542]	secreted protein	orf3240 [CAL68223]	membrane protein
orf1618 [CAL66605] ^d	secreted protein	orf3266 [CAL68249] ^a	conserved hypothetical protein
orf1766 [CAL66752]	hypothetical protein	orf3313 [CAL68296]	hypothetical protein
orf1776 [CAL66762]	hypothetical protein	orf3501 [CAL68484]	conserved hypothetical protein

Unless otherwise indicated, all significant hits for the proteins listed in this table are from the following *Flavobacteriales* species, for which sequence information is presently available. *G. forestii* KT0803, *F. bacterium* BBFL7, *F. bacterium* HTCC2170, *F. johnsoniae* UW101, *Flavobacterium* sp. MED217, *Cellulophaga* sp. MED134, *C. atlanticus* HTCC2559, *P. irgensii* 23-P, *P. torquis* ATCC 700755, *R. biformata* HTCC2501, *Tenacibaculum* sp. MED152. The proteins are present in all of these species except as noted below:

^aMissing in *Polaribacter irgensii* 23-P

^bMissing in *Flavobacterium johnsoniae* UW101

^cMissing in *Flavobacterium bacterium* BBFL7

^dMissing in *Psychroflexus torquis* ATCC 700755

^eMissing in *Robiginitalea biformata* HTCC2501