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<b>Title</b>	Structure and assembly of TP901-1 virion unveiled by mutagenesis
<b>Author(s)</b>	Stockdale, Stephen R.; Collins, Barry; Spinelli, Silvia; Douillard, François P.; Mahony, Jennifer; Cambillau, Christian; van Sinderen, Douwe
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MCP1-TP901-1	MKTPDYWKREKAWQEQQIKDDTKRMKQIMDKLFEAQEAIQKEINANWQNFANGQGISIS
MCP1-Tuc2009	MNSDDYWRKREKAWQEQQIKDDTKRMKQIMDKLFEAQEAIQKEINANWQNFANGQGISIS
gp7-3PP1	MPEPQNQEELDKYLDN-IITQAEKRLDKVFASRLKEIKAMINKLFEKYS--KNGE----- * . : . : * : : * . : * * . : . : : * : : : . : * * :
MCP1-TP901-1	EAMKRADKMDVKAFANKAKKYVQEKDFSNQANQVLKLYNLTMRVNRLELLKANIGLELIS
MCP1-Tuc2009	EAMKRADKMDVKAFENKAKKYVREKDFSHQANQVLKLYNLTMRVNRLELLKANIGLELIS
gp7-3PP1	--LTYADVVKVNRLEKEMD--VIKQNI SADYKTVLKLMLNELLETQVVDNYLR--SAYIYE : . * * . : : : . * : : * : : * * : * : : : : . : . :
MCP1-TP901-1	VFDDLDKYFSNNLTSAAALTEFERQAGILGLSVKREGYNSLVESVLNGSYKVEGFASFSDK
MCP1-Tuc2009	VFDDLDKYFSKMLTGAALTEFERQAGILGLSVKPKGYNSLVESVLNGSYKVEGFASFSDK
gp7-3PP1	MYTGRNLGFS--VPSADVQRAVENPIPLLTLPKVLERQVLEINNIAMIAQGLMAGEG : : . : * * : : * : : : * * : : * : : : : : . :
MCP1-TP901-1	LWQYQFELKADIEKLLIRSVTGGINPKTLAPQLKRLMTEKGLNATYNAQRLLVSETTRI
MCP1-Tuc2009	IWQYQFELKADIEKLLIRSVTGGINKALAPQLKRLMTEKGLNATYNAQRLLVSETTRI
gp7-3PP1	YSQVAQRVHKRMQLSLAKARLTARTEGHRVQVAGRMSAEQAARKVNMQKMSAALDTRT * . : : : * : : . . . * : : : : . : : : * * :
MCP1-TP901-1	QTAIQEESYKKADIESVEYIAEPSACPICGALNGKIFKLDMSPGINAPNMHFFCRCSTA
MCP1-Tuc2009	QTAIQEESYKKADIESVEYIAEPSACPICGALNGKIFKLDMSPGINAPNMHFFCRCSTA
gp7-3PP1	RAGHRKLDGKIINMD-----ENFKSIYGVGKAPGHMMAKDDCNCRCALIYVIDGEI : : . : * : : . . * . : : : . . * . : . . :
MCP1-TP901-1	PHVDDKAFWDDRLKEQDKKNSGRNIPVSLKGLNDDYLNEKREESRLKAGRVNAKKYDAQS
MCP1-Tuc2009	PHVDDKGFWDLLD-----
gp7-3PP1	PSVRRARLSDGSTR----- * * : * .
MCP1-TP901-1	ESFANVTNEASMRMRISDIGFRRAIESGNLKSSELGDDFDKGRIRIEKTLFNLPENIKR
MCP1-Tuc2009	-----RKVISQDEYKQA-----
gp7-3PP1	-----VIKYPYTEWEKQ----- : * : : .
MCP1-TP901-1	SEMPKYGLSDSDDLFEKTRKHSVLGYGNIIIELDSSVRKRRTTYTVNDSLUNKRGLITSA
MCP1-Tuc2009	-----FDDRTED-----
gp7-3PP1	-----RKAS----- : : .
MCP1-TP901-1	TPVGTRKPTYNGIKEKAIGEINSISEFLNSNKKTNRYIEAQVHGDLTFKNDVKRRIIVPDRS
MCP1-Tuc2009	-----DKAIEELR-----NKRKG-----
gp7-3PP1	-----
MCP1-TP901-1	YLDKLSKEFEQLKNMGIEVLVAPK
MCP1-Tuc2009	-----
gp7-3PP1	-----