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MCP1-TP901-1 MKTFDYWKREKAWQEQQIKDDTKRMKQIMDKLFEAQEAIQKEINANWQNFANGQGISIS
MCP1-Tuc2009 MNSDDYWRKREKAWQEQQIKDDTKRMKQIMDKLFEAQEAIQKEINANWQNFANGQGISIS
gp7-3PP1 MPEPQNQEELDKYLDN-IITQAEKRLDKVFASRLKEIKAMINKLFEKYS--KNGE-----
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MCP1-TP901-1 EAMKRADKMDVKAFANKAKKYVQEKDFSNQANQVLKLYNLTMRVNRLELLKANIGLELIS
MCP1-Tuc2009 EAMKRADKMDVKAFENKAKKYVREKDFSHQANQVLKLYNLTMRVNRLELLKANIGLELIS
gp7-3PP1 --LTYADVVKVNRLEKEMD--VIKQNISADYKTVLKLMLNELLETQVVDNYLR--SAYIYE
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MCP1-TP901-1 VFDDLDKYFSNNLTSAAALTEFERQAGILGLSVKREGYNLSVESVLNGSYKVEGFASFSDK
MCP1-Tuc2009 VFDDLDKYFSKMLTGAALTEFERQAGILGLSVKPKGYNLSVESVLNGSYKVEGFASFSDK
gp7-3PP1 MYTGRNLGFS--VPSADVQRAVENPIPLLTLPKVLERQVVELINNIAMIAQGLMAGEG
: : . : * : : * : : : * * : : * : : : : : : :

MCP1-TP901-1 LWQYQFELKADIEKLLIRSVTGGINPKTLAPQLKRLMTEKGLNATYNAQRLLVSETTRI
MCP1-Tuc2009 IWQYQFELKADIEKLLIRSVTGGINLALAPQLKRLMTEKGLNATYNAQRLLVSETTRI
gp7-3PP1 YSQAQVRVHKRMQLSLAKARLTARTEGHRVQVAGRMSAEQAARKVNMQKMSAALDTRT
* . : : : * : : . . . * : : : : . : : : : * :

MCP1-TP901-1 QTAIQEESYKKADIESVEYIAEPSACPICGALNGKIFKLDMSPGINAPNMHPFCRCSTA
MCP1-Tuc2009 QTAIQEESYKKADIESVEYIAEPSACPICGALNGKIFKLDMSPGINAPNMHPFCRCSTA
gp7-3PP1 RAGHRKLDGKIINMD-----ENFKSIYGVGKAPGHMMAKDDCNCRCALIYVIDGEI
: : . : * : : . . * . : : : . . * . : : .

MCP1-TP901-1 PHVDDKAFWDDRLKEQDKKNSGRNIPVSLKGLNDDYLNEKREE SRLKAGRVNAKKYDAQS
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 TPGVTRKPTYNGIKEKAIGEINSISEFLNSNKKTNRYIEAQVHGDLTFKNDVKRRIIVPDRS
MCP1-Tuc2009 -----DKAIEELR-----NKRKG-----
gp7-3PP1 -----

MCP1-TP901-1 YLDKLSKEFEQLKNMGIEVLVAPK
MCP1-Tuc2009 -----
gp7-3PP1 -----