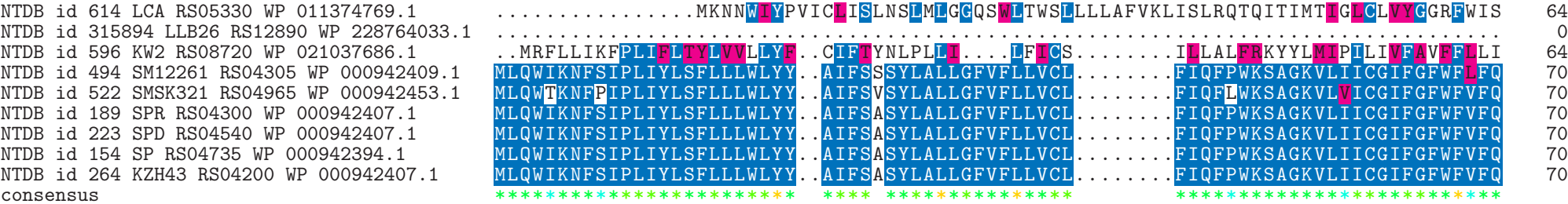


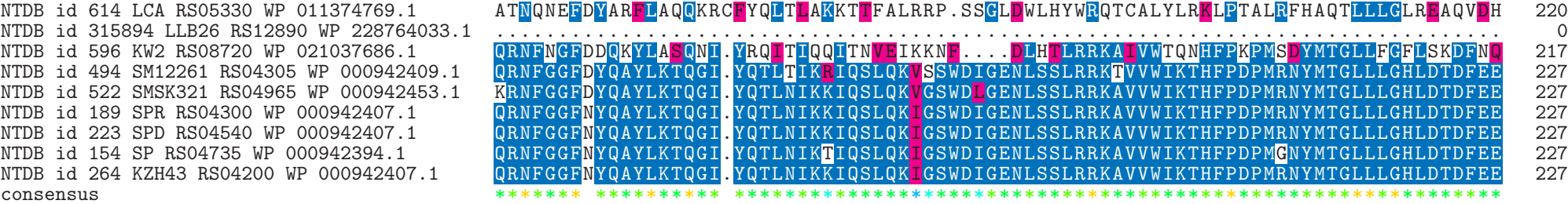
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NTDB id 614 LCA RS05330 WP 011374769.1	VKGLDNFALTVLVLFIVMPNFFETAGGVLSCAYAFILMTSK	EGEGLKAVAS	ESLVISLGLPILSFYFAEFQPW	369
NTDB id 315894 LLB26 RS12890 WP 228764033.1	IRQSR	LDSWSLVLLVNLFWQPYLLHSMGGILSYLMAFALIYIGE	...GSTFKV...AYWLSLSLSPVCLRFN...YRW	0
NTDB id 596 KW2 RS08720 WP 021037686.1	..	ITSLDNIGVTTTLVLM LISPKFLLTTGGQTLTFYAFVISMLNHPFSNLNGLKKVLTESAVLSLCVLPILLIFDFHIFQPL		368
NTDB id 494 SM12261 RS04305 WP 000942409.1	..	VKGLDNFALTVLVLFIVMPNFFLTAGGVLSCAYAFILMTSK...EGEGLKAVARESLSVISLGLPILSFYFAEFQPW		378
NTDB id 522 SMSK321 RS04965 WP 000942453.1	..	VKGLDNFALTVLVLFIMPVNFLLTAGGVLSCAYAFILMTSK...EGEGLKAVARESLSVISLGLPILSFYFAEFQPW		378
NTDB id 189 SPR RS04300 WP 000942407.1	..	VKGLDNFALTVLVLFIVMPNFFF	TAGGVLSCAYAFILMTSK...EGEGLKAVASESLVISLGLPILSFYFAEFQPW	378
NTDB id 223 SPD RS04540 WP 000942407.1	..	VKGLDNFALTVLVLFIVMPNFFF	TAGGVLSCAYAFILMTSK...EGEGLKAVASESLVISLGLPILSFYFAEFQPW	378
NTDB id 154 SP RS04735 WP 000942394.1	..	VKGLDNFALTVLVLFIVMPNFFLTAGGVLSCAYAFILMTSK...EGEGLKAVTSESLVISLGLPILSFYFAEFQPW		378
NTDB id 264 KZH43 RS04200 WP 000942407.1	..	VKGLDNFALTVLVLFIVMPNFFF	TAGGVLSCAYAFILMTSK...EGEGLKAVASESLVISLGLPILSFYFAEFQPW	378
consensus	*****	*****	*****	

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NTDB id 614 LCA RS05330 WP 011374769.1	HV.LTIIMNALVTP	IYLPVILGLAIVASV	MLPVS..NLVVNGCEWLLIQLIYKGLGLVVQIPHAMITFGKIPLLP	LLIIVT	446	
NTDB id 315894 LLB26 RS12890 WP 228764033.1					0	
NTDB id 596 KW2 RS08720 WP 021037686.1	SILLTI	IFGFLDFM	MLPLLLCC	FLISFLGFS	LNLNFIFQILEWLVH	440
NTDB id 494 SM12261 RS04305 WP 000942409.1	SILLTFVFSFLFDL	VFLPLLSIL	FALSFLHPVIQLNFIFEWLEGMIR		FVSQVASRPLVFGQPNAWLLIILLI	450
NTDB id 522 SMSK321 RS04965 WP 000942453.1	SILLTFVFSFLFDL	VFLPLLSVL	FALSFLYPIQLNFIFEWLEGMIR		LVSQVASRPLVFGQPNAWLLIILLI	450
NTDB id 189 SPR RS04300 WP 000942407.1	SILLTFVFSFLFDL	TFLPLLSIL	FVLSFLYPIQLNFIFEWLEGIIR		LVSQVTSRPLVFGQPNWLLIILLI	450
NTDB id 223 SPD RS04540 WP 000942407.1	SILLTFVFSFLFDL	TFLPLLSIL	FVLSFLYPIQLNFIFEWLEGIIR		LVSQVTSRPLVFGQPNWLLIILLI	450
NTDB id 154 SP RS04735 WP 000942394.1	SILLTFVFSFLFDL	VFLPLLSIL	FVLSFLYPIQLNFIFEWLEGIIR		LVSQVARRPLVFGQPNAWLLIILLI	450
NTDB id 264 KZH43 RS04200 WP 000942407.1	SILLTFVFSFLFDL	TFLPLLSIL	FVLSFLYPIQLNFIFEWLEGIIR		LVSQVTSRPLVFGQPNWLLIILLI	450
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NTDB id 614 LCA RS05330 WP 011374769.1	VSL	LLIDGQAISNQWFKRLKRTLVSILASFLAIFHNP.TGRVVMFDIGQGDSLLIQTPFNRHQLLIDTGGRLAL..PQA	523
NTDB id 315894 LLB26 RS12890 WP 228764033.1		MRASITAVDIGQDSIFLQDKFNKENILIDTGGRLAL..PQK	40
NTDB id 596 KW2 RS08720 WP 021037686.1	LIGLFVD	SFSHKRRFFLVGFIFLFFFITKNPMRASITAVDIGQDSIFLQDKFNKENILIDTGGRLAL..PQK	512
NTDB id 494 SM12261 RS04305 WP 000942409.1	SLALVYD	LRKNIKRLAVLSLLITGLFFLTKEHPLENEITMLDVGGESIFLRDVTG.KIILIDVGGKAESSKKIE	523
NTDB id 522 SMSK321 RS04965 WP 000942453.1	SLALVYD	LRKNIKRLAVLSLLITGLFFLTKEHPLENEITMLDVGGESIFLRDVTG.KTILIDVGGKAESDKKIE	523
NTDB id 189 SPR RS04300 WP 000942407.1	SLALVYD	LRKNIKRLTVLCLLITGLFLLTKEHPLENEITMLDVGGESIFLRDVTG.KTILIDVGGKAESYKKIK	523
NTDB id 223 SPD RS04540 WP 000942407.1	SLALVYD	LRKNIKRLTVLCLLITGLFLLTKEHPLENEITMLDVGGESIFLRDVTG.KTILIDVGGKAESYKKIK	523
NTDB id 154 SP RS04735 WP 000942394.1	SLALVYD	LRKNIKGLTVLSLLITGLFFLTKEHPLENEITMLDVGGESIFLRDVTG.KTILIDVGGKAESYKKIK	523
NTDB id 264 KZH43 RS04200 WP 000942407.1	SLALVYD	LRKNIKRLTVLCLLITGLFLLTKEHPLENEITMLDVGGESIFLRDVTG.KTILIDVGGKAESYKKIK	523
consensus	*****	*****	*****

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NTDB id 614 LCA RS05330 WP 011374769.1	AWQRRAQVSRAEKVTVNYLYSQGVDHIDAVALSHQDADHIGDLNQILKQIRVDRIICAAGLPQNRQFQRQIRPFLATVQI	603
NTDB id 315894 LLB26 RS12890 WP 228764033.1	NWQKAQTQSNADKTLIPYLESMGVAHIDQLILHTDADHVGDFLSLADKIKIREIIVSPGELTNISFVEKLLKKAK..IPI	118
NTDB id 596 KW2 RS08720 WP 021037686.1	NWQKAQTQSNADKTLIPYLESMGVAHIDQLILHTDADHVGDFLSLADKIKIREIIVSPGELTNISFVEKLLKKAK..IPI	590
NTDB id 494 SM12261 RS04305 WP 000942409.1	KWQEKTTTSSNAQRTLIPYLKSRGVSKIDQLILTNTDKEYVGDLLLEVTKAFHVGELVSKGSLKQKQFVAELQATQ..TKV	601
NTDB id 522 SMSK321 RS04965 WP 000942453.1	KWQEKATTSSNAQRTLIPYLKSRGVAKIDQLILTNTDKEHVGDLLEVTKAFHVGELVSKGSLKQKEFVAELQATQ..IKV	601
NTDB id 189 SPR RS04300 WP 000942407.1	KWQEKMTTSSNAQRSLIPYLKSRGVAKIDQLILTNTDKEHVGDLSEMTKAFHVGELVSKDSLKQKEFVAELQATQ..TKV	601
NTDB id 223 SPD RS04540 WP 000942407.1	KWQEKMTTSSNAQRSLIPYLKSRGVAKIDQLILTNTDKEHVGDLSEMTKAFHVGELVSKDSLKQKEFVAELQATQ..TKV	601
NTDB id 154 SP RS04735 WP 000942394.1	KWQEKMTTSSNAQRTLIPYLKSRGVAKIDQLILTNTDKEHVGDLSEMTKAFHVGELVSKDSLKQKEFVAELQATQ..TKV	601
NTDB id 264 KZH43 RS04200 WP 000942407.1	KWQEKMTTSSNAQRSLIPYLKSRGVAKIDQLILTNTDKEHVGDLSEMTKAFHVGELVSKDSLKQKEFVAELQATQ..TKV	601
consensus	*! ! ! * * * * * !	

