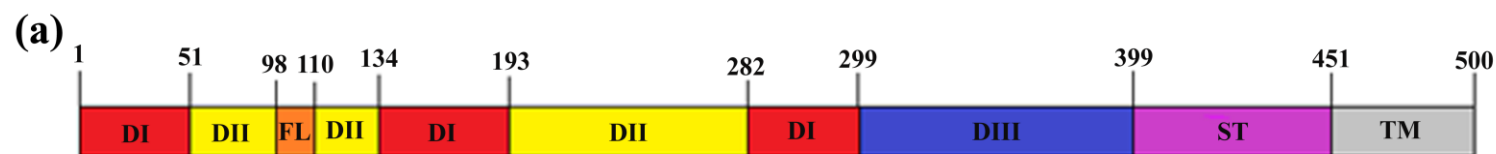


Additional file 4



(b)

KC526872/IND/11/WB/JEV45	FHCLGMGNRDFIEGASGATWVDLVLEGDSCLTIMANDKPTLDVRMINIEASQLAEVRSYC	60
	CCCCCCCCCEEEEECCCCCEEEEEEECCCEEEEEEECCCCEEEEEEEEEEEEECEEEEEEE	
KC526869/IND/11/WB/JEV46	FHCLGMGNRDFIEGASGATWVDLVLEGDSCLTIMANDKPTLDVRMINIEASQLAEVRSYC	60
	CCCCCCCCCEEEEECCCCCEEEEEEECCCEEEEEEECCCCEEEEEEEEEEEEECEEEEEEE	
KC526870/IND/11/WB/JEV47	FHCLGMGHRDFIEGASGATWVDLVLEGDSCLTIMANDKPTLDVRMINIEASQLAEVRSYC	60
	CCCCCCCCCEEEEECCCCCEEEEEEECCCEEEEEEECCCCEEEEEEEEEEEEECEEEEEEE	
KC526871/IND/12/WB/JEV50	FHCLGMGNRDFIEGASGATWVDLVLEGDSCLTIMANDKPTLDVRMINIEASQLAEVRSYC	60
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D90195/SA14-14-2	FNCLGMGNRDFIEGASGATWVDLVLEGDSCLTIMANDKPTLDVRMINIEASQLAEVRSYC	60
	CCCCCCCCCEEEEECCCCCEEEEEEECCCEEEEEEECCCCEEEEEEEEEEEEECEEEEEEE	
KC526872/IND/11/WB/JEV45	YHASVTDISTVARCPTTGEAHNEKRADSSYVCKQGFTDRGWGKGCGLFGKGSIDTCAKFS	120
	EEEEEEEEEEEEEECCCCCCCCCHHHHCCCEEEEEEEEEEECHHHCCCCCEEEEEEEEEEEEE	
KC526869/IND/11/WB/JEV46	YHASVTDISTVARCPTTGEAHNEKRADSSYVCKQGFTDRGWGNGCGLFGKGSIDTCAKFS	120
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KC526870/IND/11/WB/JEV47	YHATVTDISTVARCPTTGEAHNEKRADSSYVCKQGFTDRGWGNGCGLFGKGSIDTCAKFS	120
	EEEEEEEEEEEEEECCCCCCCCCHHHHCCCEEEEEEEEEEECHHHCCCCCEEEEEEEEEEEEE	
KC526871/IND/12/WB/JEV50	YHASVTDISTVARCPTTGEAHNEKRADSSYVCKQGFTDRGWGNGCGLFGKGSIDTCAKFS	120
	EEEEEEEEEEEEEECCCCCCCCCHHHHCCCEEEEEEEEEEECHHHCCCCCEEEEEEEEEEEEE	
D90195/SA14-14-2	YHASVTDISTVARCPTTGEAHNEKRADSSYVCKQGFTDRGWGNGCGFFGKGSIDTCAKFS	120
	EEEEEEEEEEEEEECCCCCCCCCHHHHCCCEEEEEEEEEEECHHHCCCCCEEEEEEEEEEEEE	

Glycosylation site



KC526872/IND/11/WB/JEV45 CTSKAIGRTIQPENIKYE**EV**GI**FV**HGTTTSENHGN**YSAQ**VGASQA**AKFTVTPNAPSITLKL** 180
EEEEEEEEECCHHHEEEEEEEEEEECCCCCCCCCCHHHHHHCCCCEEEEECCCCCEEEEE
KC526869/IND/11/WB/JEV46 CTSKAIGRTIQPENIKYE**EV**GI**FV**HGTTTSENHGN**YSAQ**VGASQA**AKFTVTPNAPSITLKL** 180
EEEEEEEEECCHHHEEEEEEEEEEECCCCCCCCCCHHHHHHCCCCEEEEECCCCCEEEEE
KC526870/IND/11/WB/JEV47 **CTR**KAIGRTIQPENIKYE**EV**GI**FV**HGTTTSENHGN**YSAQ**VGASQA**AKFTVTPNAPSITLKL** 180
EEEEEEEEECCHHHEEEEEEEEEEECCCCCCCCCCHHHHHHCCCCEEEEECCCCCEEEEE
KC526871/IND/12/WB/JEV50 CTSKAIGRTIQPENIKYE**EV**GI**FV**HGTTTSENHGN**YSAQ**VGASQA**AKFTVTPNAPSITLKL** 180
EEEEEEEEECCHHHEEEEEEEEEEECCCCCCCCC**CHHHH**CCCCEEEEECCCCCEEEEE
D90195/SA14-14-2 CTSKAIGRTIQPENIKY**KV**GI**FV**HGTTTSENHGN**YSAQ**VGASQA**AKFTVTPNAPSV**ALKL 180
EEEEEEEEECCHHHEEEEEEEEEEECCCCCCCCCCHHHHHHCCCCEEEEECCCCCEEEEE

KC526872/IND/11/WB/JEV45 GDYGEVTL**DCEPR**SGLNTEAFYVMTVGSKS**FV**HREWFHD**L**SLPWTSPSSTAWRNRELLM 240
CCEEEEEEEECCCCCCCCCEEEEECEEEEEEEHHHHHHCCCCECCCCCECHHHCE
KC526869/IND/11/WB/JEV46 GDYGEVTL**DCEPR**SGLNTEAFYVMTVGSKS**FV**HREWFHD**L**ALPWTSPSSTAWRNRELLM 240
CCEEEEEEEECCCCCCCCCEEEEECEEEEEEEHHHHHHCCCCECCCCCECHHHCE
KC526870/IND/11/WB/JEV47 GDYGEVTL**DCEPR**SGLNTEAFYVMTVGSKS**FV**HREWFHD**L**ALPWTSPSSTAWRNRELLM 240
CCEEEEEEEECCCCCCCCCEEEEECEEEEEEEHHHHHHCCCCECCCCCECHHHCE
KC526871/IND/12/WB/JEV50 GDYGEVTL**DCEPR**SGLNTEAFYVMTVGSKS**FV**HREWFHD**L**ALPWTSPSSTAWRNRELLM 240
CCEEEEEEEECCCCCCCCCEEEEECEEEEEEEHHHHHHCCCCECCCCCECHHHCE
D90195/SA14-14-2 GDYGEVTL**DCEPR**SGLNTEAFYVMTVGSKS**FV**HREWFHD**L**ALPWTSPSSTAWRNRELLM 240
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KC526872/IND/11/WB/JEV45 E**FE**E**A**HATKQSVVALGSQ**E**GS**LH**QALAGAI**V**VEYSSSV**K**L**T**S**G**HLK**R**LKMDKLAL**K**G**T** 300
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KC526869/IND/11/WB/JEV46 E**FE**E**A**HATKQSVVALGSQ**E**GS**LH**QALAGAI**V**VEYSSSV**K**L**T**S**G**HLK**R**LKMDKLAL**K**G**T** 300
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KC526870/IND/11/WB/JEV47 E**FE**E**A**HATKQSVVALGSQ**E**GS**LH**QALAGAI**V**VEYSSSV**K**L**T**S**G**HLK**R**LKMDKLAL**K**G**T** 300
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KC526871/IND/12/WB/JEV50 E**FE**E**A**HATKQSVVALGSQ**E**GS**LH**HALAGAI**V**VEYSSSV**K**L**T**S**G**HLK**R**LKMDKLAL**K**G**T** 300
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D90195/SA14-14-2 E**FE**G**A**HATKQSVVALGSQ**E**GG**LH**HALAGAI**V**VEYSSSV**M**L**T**S**G**HLK**R**LKMDKLAL**K**G**T** 300
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KC526872/IND/11/WB/JEV45	ALAFLATGGVLVFLATNVHA	500
	EEEEHHHHHEEEEECECCC	
KC526869/IND/11/WB/JEV46	ALAFLATGGVLVFLATNVHA	500
	EEEEHHHHHEEEEECECCC	
KC526870/IND/11/WB/JEV47	D LAFLATGGVLVFLATNVHA	500
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KC526871/IND/11/WB/JEV50	ALAFLATGGVLVFLATNVHA	500
	EEEEHHHHHEEEEECECCC	
D90195/SA14-14-2	ALAFLATGGVLVFLATNVHA	500
	EEEEHHHHHEEEEECECCC	