

<i>Py. ultimum</i> var. <i>ultimum</i> (S)	1	MRELVHIQGGQCGNQI	10	GA	20	QFWEV	30	DSDEHGV	40	SDPTG	50	SYHGD	60	SDVPRA	70	IMDLEPG
<i>Py. irregulare</i> (S)		MRELVHIQGGQCGNQI		GA		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. sylvaticum</i> (S)		MRELVHIQGGQCGNQI		GA		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Phytophthora sojae</i> (S)		MRELVHIQGGQCGNQI		GA		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. aphanidermatum</i> (I1)		MRELVHIQGGQCGNQI		GA		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. torulosum</i> (I2)		MRELVHIQGGQCGNQI		GA		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. rostratifingens</i> (I3)		MRELVHIQGGQCGNQI		GA		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. ultimum</i> var. <i>ultimum</i> (S)	80	VRAGP	90	F	100	QFWEV	110	DSDEHGV	120	SDPTG	130	SYHGD	140	SDVPRA	150	IMDLEPG
<i>Py. irregulare</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. sylvaticum</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Phytophthora sojae</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. aphanidermatum</i> (I1)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. torulosum</i> (I2)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. rostratifingens</i> (I3)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. ultimum</i> var. <i>ultimum</i> (S)	160	VRAGP	170	F	180	QFWEV	190	DSDEHGV	200	SDPTG	210	SYHGD	220	SDVPRA	230	IMDLEPG
<i>Py. irregulare</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. sylvaticum</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Phytophthora sojae</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. aphanidermatum</i> (I1)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. torulosum</i> (I2)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. rostratifingens</i> (I3)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. ultimum</i> var. <i>ultimum</i> (S)	230	VRAGP	240	F	250	QFWEV	260	DSDEHGV	270	SDPTG	280	SYHGD	290	SDVPRA	300	IMDLEPG
<i>Py. irregulare</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. sylvaticum</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Phytophthora sojae</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. aphanidermatum</i> (I1)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. torulosum</i> (I2)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. rostratifingens</i> (I3)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. ultimum</i> var. <i>ultimum</i> (S)	310	VRAGP	320	F	330	QFWEV	340	DSDEHGV	350	SDPTG	360	SYHGD	370	SDVPRA	380	IMDLEPG
<i>Py. irregulare</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. sylvaticum</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Phytophthora sojae</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. aphanidermatum</i> (I1)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. torulosum</i> (I2)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. rostratifingens</i> (I3)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. ultimum</i> var. <i>ultimum</i> (S)	380	VRAGP	390	F	400	QFWEV	410	DSDEHGV	420	SDPTG	430	SYHGD	440	SDVPRA	447	IMDLEPG
<i>Py. irregulare</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. sylvaticum</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Phytophthora sojae</i> (S)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. aphanidermatum</i> (I1)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. torulosum</i> (I2)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG
<i>Py. rostratifingens</i> (I3)		VRAGP		F		QFWEV		DSDEHGV		SDPTG		SYHGD		SDVPRA		IMDLEPG