

## CidB positions (aa)

**CidB\_IV  
variants**

2 2	2 2	2 2	2	2	2	2 2	2	2	4 4	4	4 4	4	4 4	4 4
4 4	5 5	5 5	5	5	6	6-7	7	7	5 5	5	6-6	7	7 7	7-8
2 3	0 1	3 4	7	9	2	8 0	6	8	2 3	9	2 6	2	5 6	9 1

(a/1)	DR	RI	RE	P	I	I	QVL	N	N	EY	G	RVRVR	Y	GD	RHT
(a/2)	DR	RI	RE	P	I	I	QVL	N	N	EY	*	EAPIT	H	EG	**C
(a/3)	DR	RI	RE	P	I	I	QVL	N	N	HP	*	EAPIT	H	EG	**C
(b/1)	NQ	SL	GD	E	V	T	AQI	G	S	EY	G	RVRVR	Y	GD	RHT
(b/2)	NQ	SL	GD	E	V	T	AQI	G	S	EY	*	EAPIT	H	EG	**C
(b/3)	NQ	SL	GD	E	V	T	AQI	G	S	HP	*	EAPIT	H	EG	**C
(c/1)†	NQ	SL	GD	E	V	T	AQI	N	N	EY	G	RVRVR	Y	GD	RHT
(c/3)†	NQ	SL	GD	E	V	T	AQI	N	N	HP	*	EAPIT	H	EG	**C

Upstream polymorphic region

Downstream polymorphic region