

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 178726 SporoP37 RS08465 WP 081243234.1
NTDB id 125 BSU 00870 NP 387968.1
consensus



77
77
77
77
77
77
79
80

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 178726 SporoP37 RS08465 WP 081243234.1
NTDB id 125 BSU 00870 NP 387968.1
consensus



156
156
156
156
156
156
159
160

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 178726 SporoP37 RS08465 WP 081243234.1
NTDB id 125 BSU 00870 NP 387968.1
consensus



236
236
236
236
236
236
239
240

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 178726 SporoP37 RS08465 WP 081243234.1
NTDB id 125 BSU 00870 NP 387968.1
consensus



316
316
316
316
316
316
319
320

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 178726 SporoP37 RS08465 WP 081243234.1
NTDB id 125 BSU 00870 NP 387968.1
consensus



396
396
396
396
396
396
399
400

logo

NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 178726 SporoP37 RS08465 WP 081243234.1
NTDB id 125 BSU 00870 NP 387968.1
consensus



453
453
453
453
453
456
458

X non conserved
X similar
X ≥ 50% conserved