

Fig S9

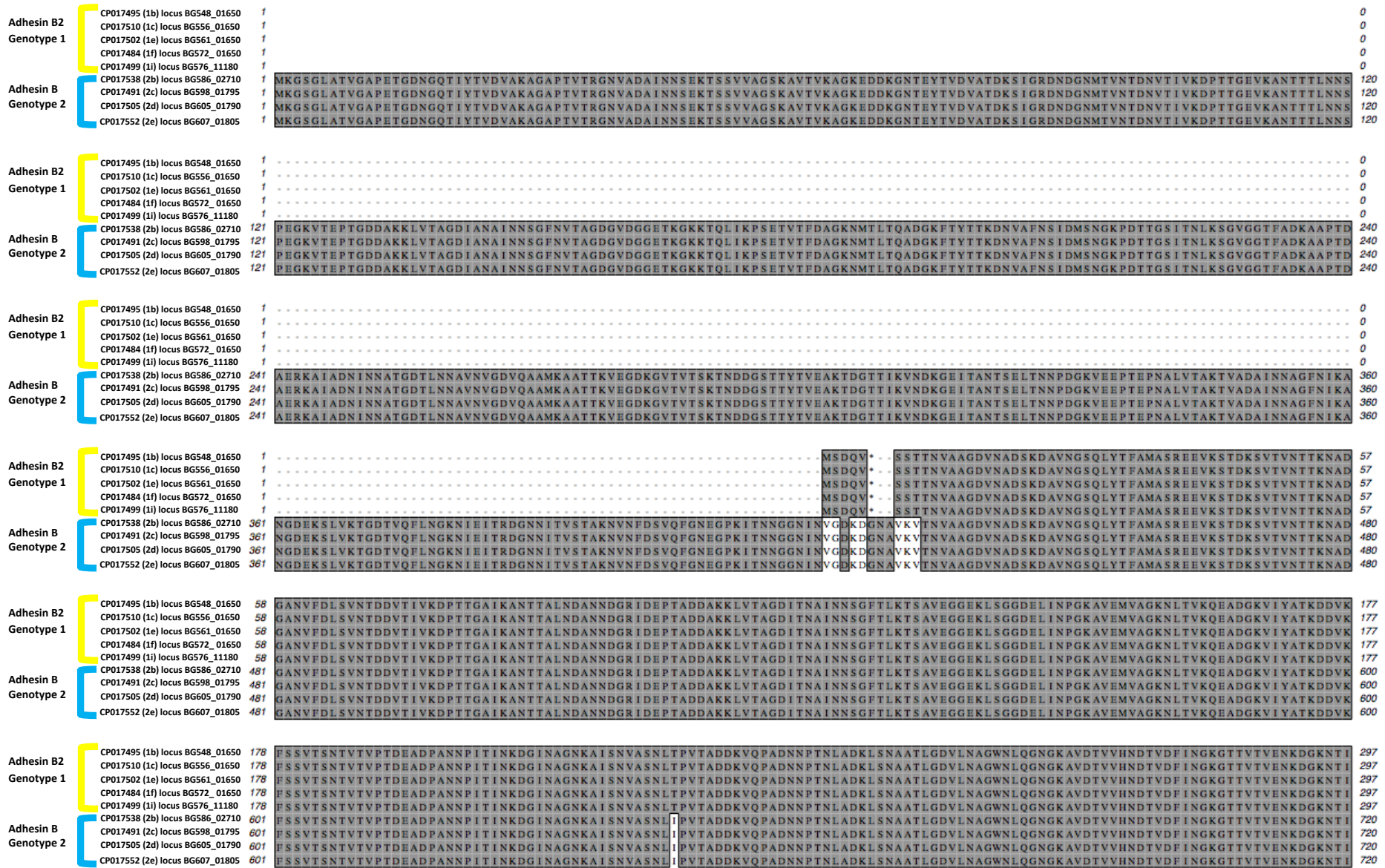


Fig S9 continued

|                          |                                 |      |                                                                                                                           |      |
|--------------------------|---------------------------------|------|---------------------------------------------------------------------------------------------------------------------------|------|
| Adhesin B2<br>Genotype 1 | CP017495 (1b) locus BG548_01650 | 298  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 417  |
|                          | CP017510 (1c) locus BG556_01650 | 298  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 417  |
|                          | CP017502 (1e) locus BG561_01650 | 298  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 417  |
|                          | CP017484 (1f) locus BG572_01650 | 298  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 417  |
|                          | CP017499 (1i) locus BG576_11180 | 298  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 417  |
| Adhesin B<br>Genotype 2  | CP017538 (2b) locus BG586_02710 | 721  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 840  |
|                          | CP017491 (2c) locus BG598_01795 | 721  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 840  |
|                          | CP017505 (2d) locus BG605_01790 | 721  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 840  |
|                          | CP017552 (2e) locus BG607_01805 | 721  | KVDSPIEFVNQDPTDSSTPSNTAKFTGEAPVQLGNVASSVRNEDGSTPEGKDRAEAIKNAEGDKLNNVNLGDLQAATNAATTKVGGNRGVTITPSTNADGSTTYNVEAKTDGTTIKVDN   | 840  |
|                          |                                 |      |                                                                                                                           |      |
| Adhesin B2<br>Genotype 1 | CP017495 (1b) locus BG548_01650 | 418  | EGNITANTSELGNNEDGTVKAPTQPNALVTAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 537  |
|                          | CP017510 (1c) locus BG556_01650 | 418  | EGNITANTSELGNNEDGTVKAPTQPNALVTAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 537  |
|                          | CP017502 (1e) locus BG561_01650 | 418  | EGNITANTSELGNNEDGTVKAPTQPNALVTAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 537  |
|                          | CP017484 (1f) locus BG572_01650 | 418  | EGNITANTSELGNNEDGTVKAPTQPNALVTAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 537  |
|                          | CP017499 (1i) locus BG576_11180 | 418  | EGNITANTSELGNNEDGTVKAPTQPNALVTAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 537  |
| Adhesin B<br>Genotype 2  | CP017538 (2b) locus BG586_02710 | 841  | EGNITANTSELGNNEDGTVKAPTQPNALLIAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 960  |
|                          | CP017491 (2c) locus BG598_01795 | 841  | EGNITANTSELGNNEDGTVKAPTQPNALLIAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 960  |
|                          | CP017505 (2d) locus BG605_01790 | 841  | EGNITANTSELGNNEDGTVKAPTQPNALLIAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 960  |
|                          | CP017552 (2e) locus BG607_01805 | 841  | EGNITANTSELGNNEDGTVKAPTQPNALLIAQTADAVNNAGFNISAGNKAAGDQAATKLKVTGEEVVFEAGDNLTKVRDGNQFTFATAKDVSFNSVQFSENGPKITNDGDNIKVGDKD    | 960  |
|                          |                                 |      |                                                                                                                           |      |
| Adhesin B2<br>Genotype 1 | CP017495 (1b) locus BG548_01650 | 538  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSHFVNATTVANAVNNVSWNVDSKAVGTGVV  | 657  |
|                          | CP017510 (1c) locus BG556_01650 | 538  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSHFVNATTVANAVNNVSWNVDSKAVGTGVV  | 657  |
|                          | CP017502 (1e) locus BG561_01650 | 538  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSHFVNATTVANAVNNVSWNVDSKAVGTGVV  | 657  |
|                          | CP017484 (1f) locus BG572_01650 | 538  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSHFVNATTVANAVNNVSWNVDSKAVGTGVV  | 657  |
|                          | CP017499 (1i) locus BG576_11180 | 538  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSHFVNATTVANAVNNVSWNVDSKAVGTGVV  | 657  |
| Adhesin B<br>Genotype 2  | CP017538 (2b) locus BG586_02710 | 961  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSRFVNATTVANAVNNVSWNVDSKAVGTGAV  | 1080 |
|                          | CP017491 (2c) locus BG598_01795 | 961  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSRFVNATTVANAVNNVSWNVDSKAVGTGAV  | 1080 |
|                          | CP017505 (2d) locus BG605_01790 | 961  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSRFVNATTVANAVNNVSWNVDSKAVGTGAV  | 1080 |
|                          | CP017552 (2e) locus BG607_01805 | 961  | GKPTKITNVADGDISPVSTDVINGKQLNNYAKVGNNGITDEDDGSINIVNGNGTTITSDKAGEVKVNVNSTDLTVADNGKINVQDPNGTGSRFVNATTVANAVNNVSWNVDSKAVGTGAV  | 1080 |
|                          |                                 |      |                                                                                                                           |      |
| Adhesin B2<br>Genotype 1 | CP017495 (1b) locus BG548_01650 | 658  | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 777  |
|                          | CP017510 (1c) locus BG556_01650 | 658  | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 777  |
|                          | CP017502 (1e) locus BG561_01650 | 658  | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 777  |
|                          | CP017484 (1f) locus BG572_01650 | 658  | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 777  |
|                          | CP017499 (1i) locus BG576_11180 | 658  | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 777  |
| Adhesin B<br>Genotype 2  | CP017538 (2b) locus BG586_02710 | 1081 | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 1199 |
|                          | CP017491 (2c) locus BG598_01795 | 1081 | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 1199 |
|                          | CP017505 (2d) locus BG605_01790 | 1081 | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 1199 |
|                          | CP017552 (2e) locus BG607_01805 | 1081 | EGDKAPAKVKAGSTVSVNAGNNIKVTRKGS DVTVAVSDTPEFTSVKTDGTLVNNNGVTTINNGSAGKAVSLTKDGLNNGGNNITNVKAGEADTAVNVGQLKGAVNHLNKKIHRNNREARA | 1199 |
|                          |                                 |      |                                                                                                                           |      |
| Adhesin B2<br>Genotype 1 | CP017495 (1b) locus BG548_01650 | 778  | GIAGSN AAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                                | 849  |
|                          | CP017510 (1c) locus BG556_01650 | 778  | GIAGSN AAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                                | 849  |
|                          | CP017502 (1e) locus BG561_01650 | 778  | GIAGSN AAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                                | 849  |
|                          | CP017484 (1f) locus BG572_01650 | 778  | GIAGSN AAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                                | 849  |
|                          | CP017499 (1i) locus BG576_11180 | 778  | GIAGSN AAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                                | 849  |
| Adhesin B<br>Genotype 2  | CP017538 (2b) locus BG586_02710 | 1200 | GIAGSNAAAAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                               | 1271 |
|                          | CP017491 (2c) locus BG598_01795 | 1200 | GIAGSNAAAAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                               | 1271 |
|                          | CP017505 (2d) locus BG605_01790 | 1200 | GIAGSNAAAAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                               | 1271 |
|                          | CP017552 (2e) locus BG607_01805 | 1200 | GIAGSNAAAAALPQVYIPGKSMVAAAAGGTFKGENALAVGYSRSSDNGKILILKLGQANASRGDFGGGVGVGYQW                                               | 1271 |
|                          |                                 |      |                                                                                                                           |      |