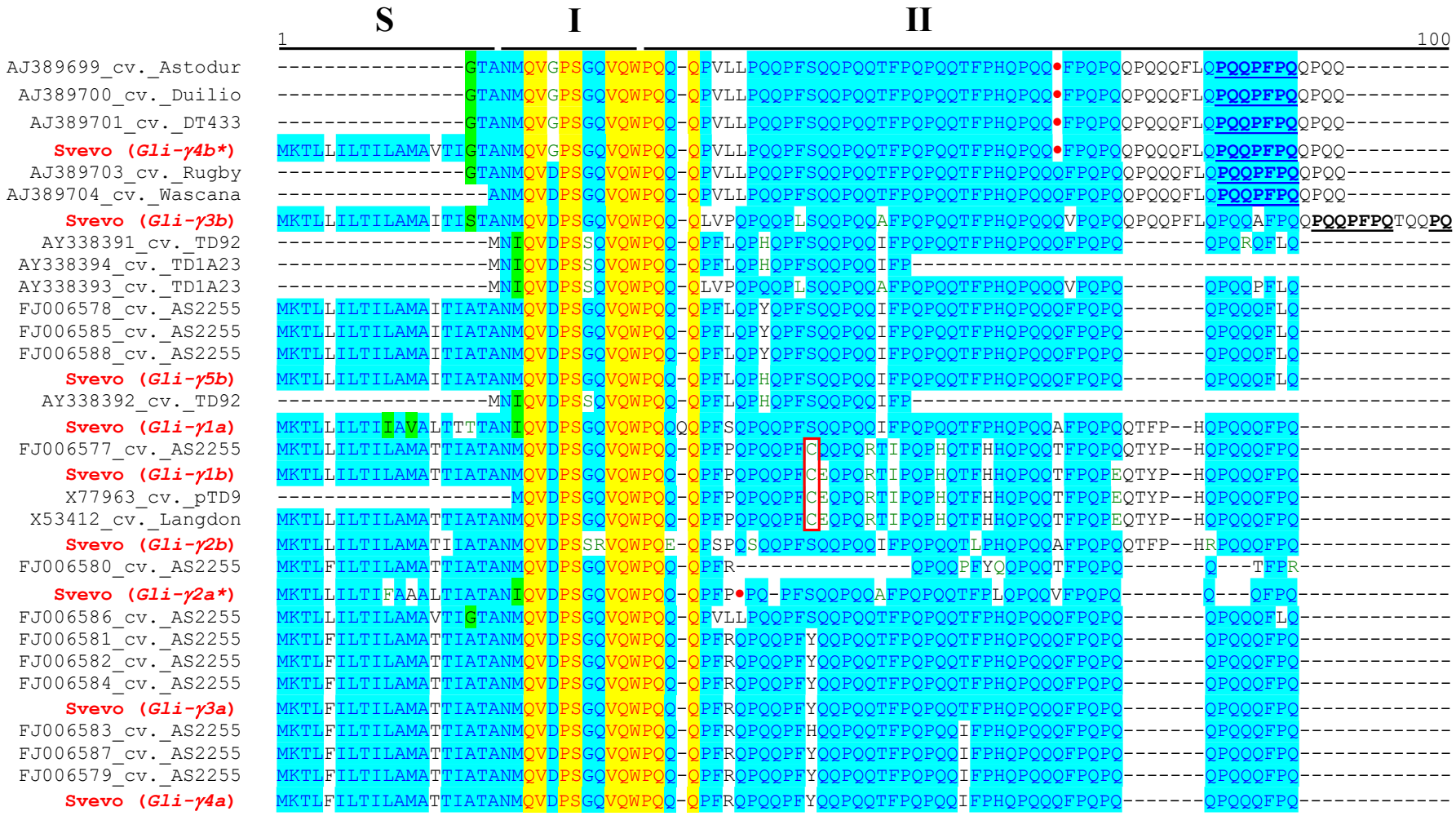
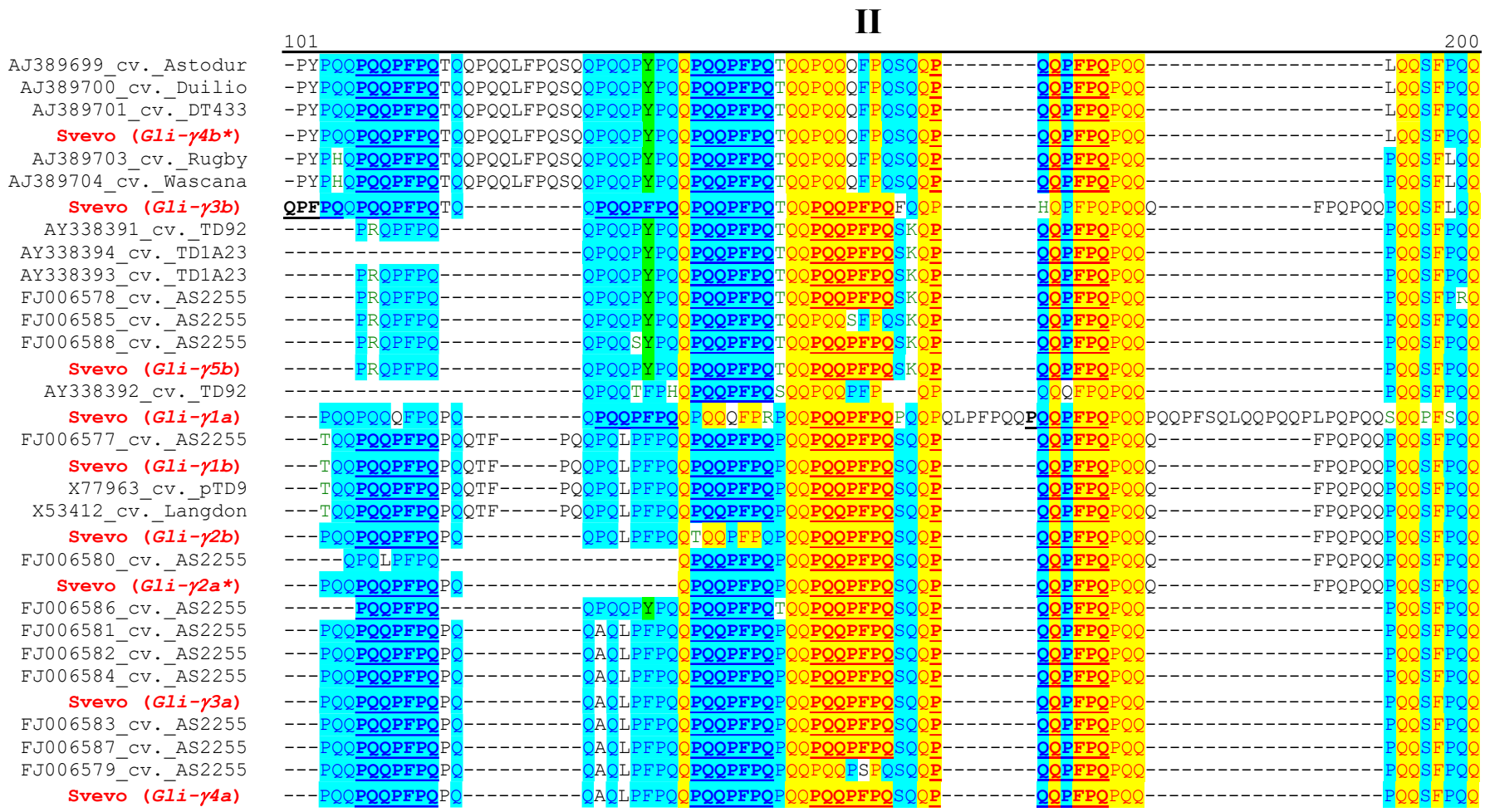
Figure S4. Alignment of the amino acid sequences deduced from the γ-gliadin genes of the cv. Svevo and other durum wheat cvs. The γ-gliadin gene sequences from the different durum wheat cvs. were retrieved from the GenBank database. The Roman numerals indicate conserved domains as assigned by Anderson and coworkers [31]. The first premature stop codon is indicated with a red circle, the eight conserved cysteine residues are indicated with black asterisks, the extra cysteine residue is boxed in red. The heptapeptide motif PQQPFPQ is highlighted in bold and underlined. The alignments were performed using Vector NTI Suite software (version 9.0; Thermo Fisher Scientific, Waltham, MA, USA).




II
101
200
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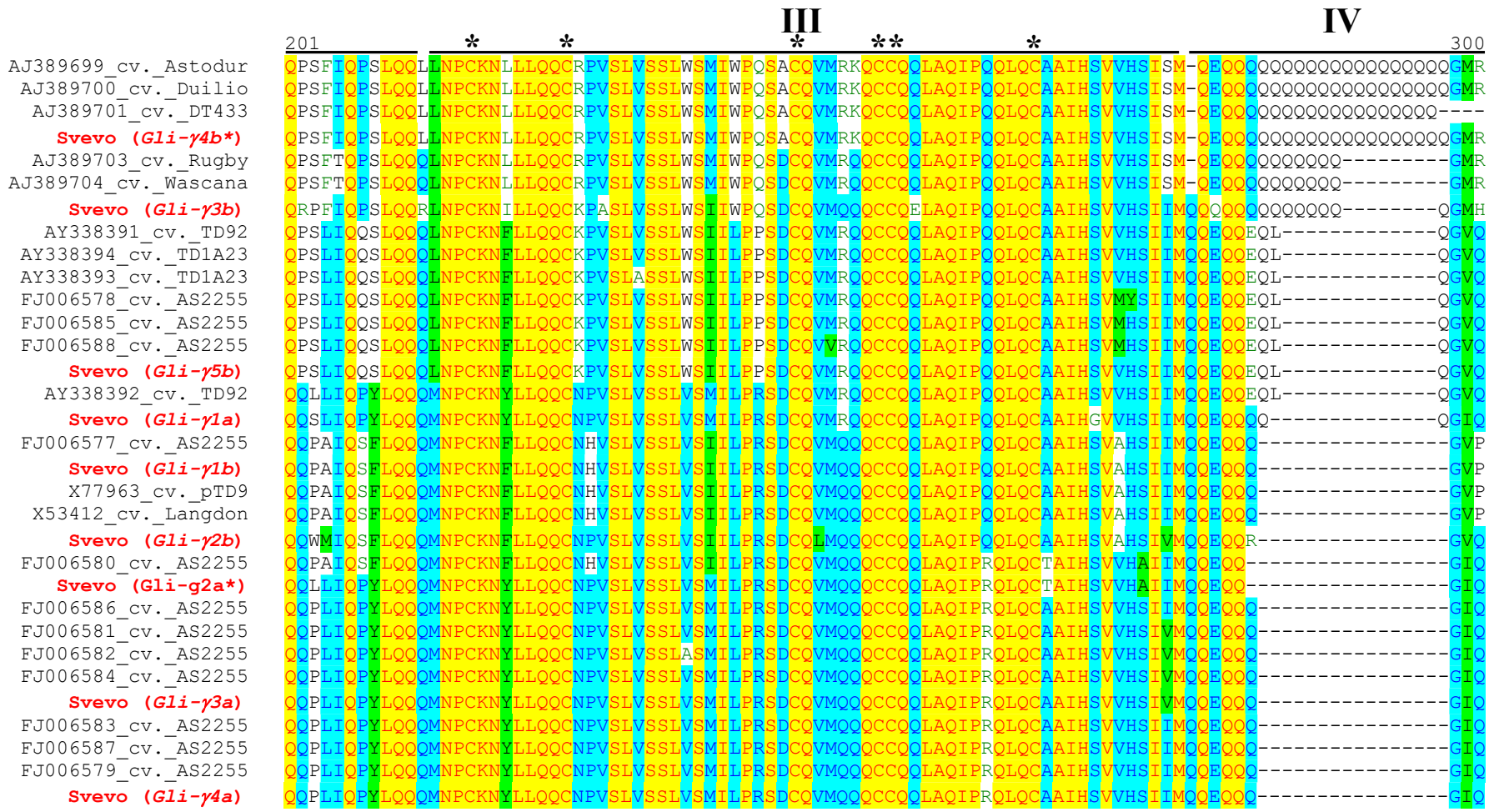
AJ389700_cv._Duilio
AJ389701_cv._DT433
Svevo (Gli-γ4b*)
AJ389703_cv._Rugby
AJ389704_cv._Wascana
Svevo (Gli-γ3b)
AY338391_cv._TD92
AY338394_cv._TD1A23
AY338393_cv._TD1A23
FJ006578_cv._AS2255
FJ006585_cv._AS2255
FJ006588_cv._AS2255
Svevo (Gli-γ5b)
AY338392_cv._TD92
Svevo (Gli-γ1a)
FJ006577_cv._AS2255
Svevo (Gli-γ1b)
X77963_cv._pTD9
X53412_cv._Langdon
Svevo (Gli-γ2b)
FJ006580_cv._AS2255
Svevo (Gli-γ2a*)
FJ006586_cv._AS2255
FJ006581_cv._AS2255
FJ006582_cv._AS2255
FJ006584_cv._AS2255
Svevo (Gli-γ3a)
FJ006583_cv._AS2255
FJ006587_cv._AS2255
FJ006579_cv._AS2255
Svevo (Gli-γ4a)


III
IV
201
300
AJ389699_cv._Astodur
AJ389700_cv._Duilio
AJ389701_cv._DT433
Svevo (Gli-γ4b*)
AJ389703_cv._Rugby
AJ389704_cv._Wascana
Svevo (Gli-γ3b)
AY338391_cv._TD92
AY338394_cv._TD1A23
AY338393_cv._TD1A23
FJ006578_cv._AS2255
FJ006585_cv._AS2255
FJ006588_cv._AS2255
Svevo (Gli-γ5b)
AY338392_cv._TD92
Svevo (Gli-γ1a)
FJ006577_cv._AS2255
Svevo (Gli-γ1b)
X77963_cv._pTD9
X53412_cv._Langdon
Svevo (Gli-γ2b)
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FJ006583_cv._AS2255
FJ006587_cv._AS2255
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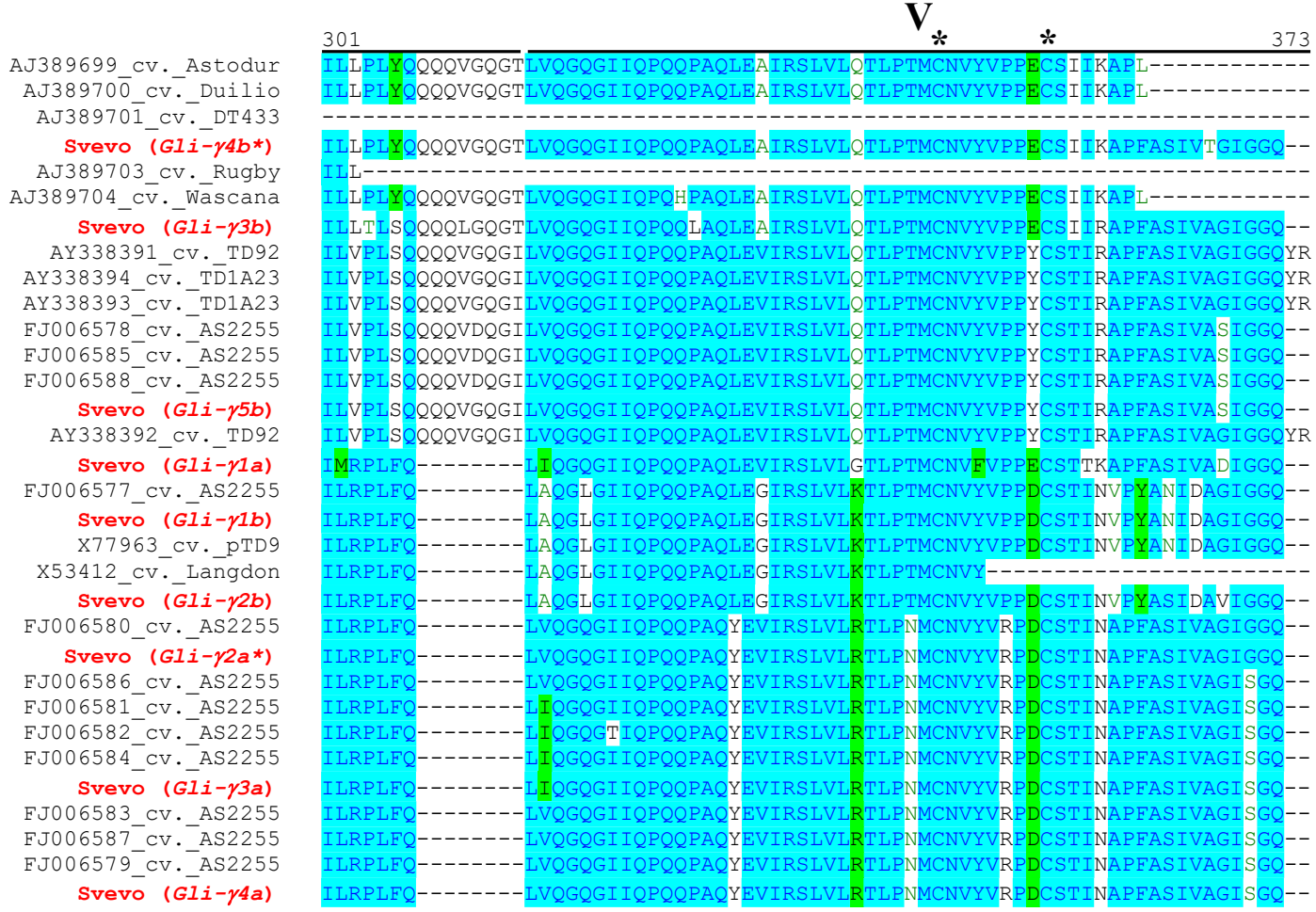
Svevo (Gli-γ4a)


V
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373
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AJ389700_cv._Duilio
AJ389701_cv._DT433
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AJ389704_cv._Wascana
Svevo (Gli-γ3b)
AY338391_cv._TD92
AY338394_cv._TD1A23
AY338393_cv._TD1A23
FJ006578_cv._AS2255
FJ006585_cv._AS2255
FJ006588_cv._AS2255
Svevo (Gli-γ5b)
AY338392_cv._TD92
Svevo (Gli-γ1a)
FJ006577_cv._AS2255
Svevo (Gli-γ1b)
X77963_cv._pTD9
X53412_cv._Langdon
Svevo (Gli-γ2b)
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Svevo (Gli-γ2a*)
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FJ006581_cv._AS2255
FJ006582_cv._AS2255
FJ006584_cv._AS2255
Svevo (Gli-γ3a)
FJ006583_cv._AS2255
FJ006587_cv._AS2255
FJ006579_cv._AS2255
Svevo (Gli-γ4a)