

Table 29 Number of nucleotide differences in D1/D2 domain among *Hanseniaspora/Kloeckera* Group IV and Group V and type strains of related species.

Group IV	ST-484	<i>K. lindneri</i>	<i>H. valbyensis</i>	Group V	ST-515	<i>H. vineae</i>	<i>H. osmophila</i>	<i>H. occidentalis</i>
ST-484		1	7 (1)	ST-515		3 (1)	7 (1)	34 (1)
<i>K. lindneri</i>	0.2		8 (1)	<i>H. vineae</i>	0.6		8	36 (1)
<i>H. valbyensis</i>	1.2	1.4		<i>H. osmophila</i>	1.3	1.4		34 (1)
				<i>H. occidentalis</i>	6.4	6.7	6.0	

Remark: A upper right triangle refers to nucleotide differences in D1/D2 including gaps. (Numerals in parentheses indicate the number of gaps) and lower triangle refers to % nucleotide differences.

Table 30 Similarity and mol% G+C of DNA of *Hanseniaspora* Group IV, Group V and related strains.

Strains	% Mol G+C	% Similarity				
		ST-515	ST-484	<i>H. vineae</i>	<i>H. osmophila</i>	<i>K. lindneri</i>
ST-515 (Group V)	38.4	nd				
ST-484 (Group IV)	36.1	nd	nd			
<i>H. vineae</i> IFO 1415	38.8-40.7	89.5	6.1	100		
<i>H. osmophila</i> IFO 10834	39.8-40.5	21.7	20.1	nd	100	
<i>K. lindneri</i>	nd	nd	nd	nd	nd	nd

Remark: nd, not determined