



	CP117287	CP117288	CP117285	CP117289	CP117284	30	29	19	U8594034	18	CP117286	CP127842	AP023393	CP033164	CP033391	CP051623	CP051624	CP053074	CP082206	34	CP092887	CP033163	CP033165	CP095081	CP033166	CP116461	CP116872	41	45	CP142018	21	46	36	43	BZ2653	BZ2731	BZ198	BZ200	
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> MGCS36044ICP117287IHumanIFranceI2018	CP117287	96.75	99.59	99.04	98.9	71.21	73.84	74.14	74.43	72.89	74.11	75.74	74.07	74.14	73.54	71	70.5	70.51	41.8	41.9	44	40.02	39.39	39.71	38.87	39.35	39.35	26.87	26.87	27.83	27.22	27.41	27.58	28.18	28.19	28.2	28.18	28.18	
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> MGCS35957ICP117288IHumanIFranceI2017	CP117288	96.75		96.66	96.25	95.97	70.73	72.32	72.56	73.06	72.02	73.15	74.18	72.51	72.52	71.96	69.48	69.45	69.46	41.08	41.14	43.57	39.28	38.66	39.04	38.8	39.05	39.04	26.56	26.56	27.4	26.84	27	27.42	27.75	27.76	27.76	27.75	27.75
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> MGCS36083ICP117285IHumanIFranceI2018	CP117285	99.59	96.66		98.97	98.8	71.16	73.85	74.14	74.42	72.88	74.13	75.74	74.07	74.13	73.54	71.01	70.51	70.52	41.83	41.9	44	40.02	39.39	39.73	38.88	39.36	39.36	26.87	26.87	27.83	27.21	27.41	27.59	28.19	28.2	28.21	28.2	28.2
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> MGCS35823ICP117289IHumanIFranceI2015	CP117289	99.04	96.25	98.97		98.24	71.17	73.42	73.69	74.05	72.48	73.67	75.26	73.63	73.7	73.09	70.57	70.11	70.11	41.6	41.68	43.8	39.81	39.18	39.52	38.76	39.23	39.22	26.86	26.86	27.72	27.2	27.31	27.59	28.09	28.1	28.11	28.09	28.1
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> MGCS36089ICP117284IHumanIFranceI2018	CP117284	98.9	95.97	98.8	98.24		71.17	73.89	74.15	74.4	73.1	74.09	75.7	74.21	74.3	73.69	70.89	70.41	70.42	41.82	41.88	43.97	40.04	39.41	39.71	38.86	39.35	39.35	26.85	26.86	27.82	27.2	27.39	27.58	28.17	28.18	28.18	28.17	28.17
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> 30IAnimalUSA1941	30	71.21	70.73	71.16	71.17	71.17		76.67	73.92	75.49	73.71	74.08	73.82	69.43	69.67	72.87	69.97	69.87	69.87	40.39	42.81	43.98	38.61	39.19	39.76	39.2	39.57	39.57	27.31	27.31	27.31	27.87	27.49	27.77	27.21	27.22	27.23	27.21	27.22
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> 29IAnimalUSA1941	29	73.84	72.32	73.85	73.42	73.89	76.67		79.25	78.38	74.76	75.79	76.65	73.11	73.77	75.41	72.46	71.97	71.98	41.04	43.53	44.04	39.51	40.14	40.13	39.64	39.67	39.67	26.95	26.95	27.64	27.87	28.07	27.62	27.9	27.9	27.91	27.9	27.9
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> 19IAnimalUSA1941	19	74.14	72.56	74.14	73.69	74.15	73.92	79.25		85.84	75.64	73.9	75.2	72.31	71.9	74.42	71.05	69.97	69.97	40.88	42.23	44.27	39.66	40.33	40.3	39.9	40.08	40.08	27.08	27.08	27.54	27.48	27.67	27.08	27.64	27.65	27.65	27.65	27.64
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> NCTC8546ILR594034IIUnited KingdomI1953	U8594034	74.43	73.06	74.42	74.05	74.4	75.49	78.38	85.84		75.95	74.49	75.4	71.58	71.54	75.16	70.97	70.71	70.73	40.96	42.46	44.55	39.44	39.8	40.5	39.84	40.33	40.33	27.02	27.02	27.49	27.44	27.57	27.3	27.35	27.36	27.37	27.35	27.35
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> 18IAnimalUSA1941	18	72.89	72.02	72.88	72.48	73.1	73.71	74.76	75.64	75.95		74.24	74.47	71.58	70.91	74.03	71.5	70.75	70.75	41.46	43.09	45.2	39.7	40.17	40.72	40.4	40.62	40.62	27.79	27.79	28.15	28.01	28.13	28.13	27.93	27.94	27.95	27.93	27.93
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> MGGS36055ICP117286IHumanIFranceI2018	CP117286	74.11	73.15	74.13	73.67	74.09	74.08	75.79	73.9	74.49	74.24		93.15	75.45	71.94	74.38	71.98	71.73	71.73	39.93	42.02	43.42	38.9	39.29	39.05	38.8	39.11	39.11	26.62	26.63	27.18	27.04	27.18	26.98	26.85	26.85	26.87	26.85	26.85
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> TPCH F37ICP127842IHumanIJapanI2015	CP127842	75.74	74.18	75.74	75.26	75.7	73.82	76.65	75.2	75.4	74.47	93.15		75.91	73.38	75.89	73.18	72.8	72.8	40.36	42.32	43.74	39.29	39.76	39.55	38.79	39.27	39.27	26.84	26.84	27.49	27.28	27.47	26.88	27.16	27.16	27.18	27.16	27.16
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> 89/AP023393IHumanI1998	AP023393	74.07	72.51	74.07	73.63	74.21	69.43	73.11	72.31	71.58	71.58	75.45	75.91		81.08	80.82	73.21	73.64	73.63	42.43	43.13	44.51	40.68	40.3	40.05	39.19	39.67	39.67	27.38	27.39	28.46	27.53	27.79	27.89	28.72	28.73	28.7	28.73	28.73
<i>S. dysgalactiae</i> subsp. <i>dysgalactiae</i> DB31752 13ICP033164IHumanISingaporeI2013	CP033164	74.14	72.52	74.13	73.7	74.3	69.67	73.77	71.9	71.54	70.91	71.94	73.38	81.08		84.66	71.99	72.36	72.36	42.41	43	44.39	40.36	39.85	40.08	39.56	39.51	39.51	27.27	27.28	28.49	27.49	27.72	28	28.67	28.68	28.65	28.68	28.68
<i>S. dysgalactiae</i> subsp. <i>dysgalactiae</i> SCDR SD1ICP033391IHumanISaudi ArabiaI2015	CP033391	73.54	71.96	73.54	73.09	73.69	72.87	75.41	74.42	75.16	74.03	74.38	75.89	80.82	84.66		76.61	76.68	76.67	43.16	44.79	46.57	41.17	41.78	41.8	40.8	41.31	41.31	28.42	28.42	28.84	28.82	29.07	28.46	28.94	28.94	28.93	28.93	28.94
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> TPCH A19ICP051623IHumanIJapanI2014	CP051623	71	69.48	71.01	70.57	70.89	69.97	72.46	71.05	70.97	71.5	71.98	73.18	73.21	71.99	76.61		93.01	93.02	41.57	43.28	44.51	39.5	40.22	40.6	39.57	40.1	40.1	27.49	27.49	27.83	28.35	28.63	27.93	28.46	28.47	28.47	28.46	28.47
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> TPCH A74ICP051624IHumanIJapanI2017	CP051624	70.5	69.45	70.51	70.11	70.41	69.87	71.97	69.97	70.71	70.75	71.73	72.8	73.64	72.36	76.68	93.01		99.66	41.74	43.54	44.88	39.79	40.29	40.42	39.43	39.96	39.96	27.66	27.67	27.98	28.48	28.75	28.21	28.57	28.58	28.58	28.57	28.57
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> TPCH A88ICP053074IHumanIJapanI2018	CP053074	70.51	69.46	70.52	70.11	70.42	69.87	71.98	69.97	70.73	70.75	71.73	72.8	73.63	72.36	76.67	93.02	99.66		41.75	43.53	44.9	39.78	40.28	40.42	39.43	39.96	39.96	27.67	27.68	27.98	28.49	28.76	28.21	28.57	28.58	28.58	28.57	28.57
<i>S. dysgalactiae</i> DY107ICP082206ICowIChinaI2020	CP082206	41.8	41.08	41.83	41.6	41.82	40.39	41.04	40.88	40.96	41.46	39.93	40.36	42.43	42.41	43.16	41.57	41.74	41.75		58.34	53.42	44.56	43.98	45.1	43.97	44.35	44.34	30.32	30.32	31.02	30.55	30.5	31.35	31.72	31.7	31.69	31.7	31.7
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> 34IAnimalUSA1941	34	41.9	41.14	41.9	41.68	41.88	42.81	43.53	42.23	42.46	43.09	42.02	42.32	43.13	43	44.79	43.28	43.54	43.53	58.34		64.64	47.97	48.61	49.55	47.34	47.93	47.93	31.1	31.1	31.34	31.68	31.94	31.2	31.54	31.53	31.52	31.54	31.54
<i>S. dysgalactiae</i> subsp. <i>equisimilis</i> KarlICP092887IIndian rhinocerosIGermanyI2021	CP092887	44	43.57	44	43.8	43.97	43.98	44.04	44.27	44.55	45.2	43.42	43.74	44.51	44.39	46.57	44.51	44.88	44.9	53.42	64.64		49.08	49.71	50.8	49.65	50.23	50.23	31.88	31.89	31.96	31.79	32.09	31.87	32.29	32.28	32.29	32.28	32.28
<i>S. dysgalactiae</i> subsp. <i>dysgalactiae</i> DB49998 05ICP033163IHumanISingaporeI2005	CP033163	40.02	39.28	40.02	39.81	40.04	38.61	39.51	39.66	39.44	39.7	38.9	39.29	40.68	40.36	41.17	39.5	39.79	39.78	44.56	47.97	49.08		92.64	57.44	56.57	57.35	57.35	30.01	30.01	31.16	30.22	30.51	31.43	32.05	32.05	32.06	32.05	32.05
<i>S. dysgalactiae</i> subsp. <i>dysgalactiae</i> DB60705 15ICP033165IHumanISingaporeI2015	CP033165	39.39	38.66	39.39	39.18	39.41	39.19	40.14	40.33	39.8	40.17	39.29	39.76	40.3	39.85	41.78	40.22	40.29	40.28	43.98	48.61	49.71	92.64		58.43	57.52	58.33	58.32	30.44	30.45	30.84	30.63	30.88	31	31.55	31.54	31.53	31.55	31.54
<i>S. dysgalactiae</i> WJ0011CP095081IChannel catfishIChinaI2020	CP095081	39.71	39.04	39.73	39.52	39.71	39.76	40.13	40.3	40.5	40.72	39.05	39.55	40.05	40.4	40.42	40.42		45.1	49.55	50.8	57.44	58.43		90.4	91.71	91.7	31.12	31.13	30.7	31.58	31.58	31.33	31.42	31.41	31.42	31.41	31.41	
<i>S. dysgalactiae</i> subsp. <i>dysgalactiae</i> STREP97 15ICP033166IISingaporeI2015	CP033166	38.87	38.8	38.88	38.76	38.86	39.2	39.64	39.9	39.84	40.4	38.8	38.79	39.19	39.56	40.8	39.57	39.43	39.43	43.97	47.34	49.65	56.57	57.52	90.4		95.32	95.32	29.91	29.92	29.88	30.13	30.01	30.95	30.78	30.76	30.78	30.77	30.7