

1 Human Papillomavirus community in healthy persons, defined by metagenomics analysis of
2 HMP (human microbiome project) shotgun sequencing datasets

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15 Running title: Human Papillomavirus in healthy persons

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Table S1. Detection of HPV DNA in 748 samples from healthy human subjects

Subject	Sample	Sequencing ID	Site	Organ	HPV type (number of reads)
158256496	SRS021948	SRR059425	Gut	Gut	
158256496	SRS021948	SRR059424	Gut	Gut	
158256496	SRS021954	SRR059427	Tongue dorsum	Mouth	
158256496	SRS021954	SRR059426	Tongue dorsum	Mouth	
158256496	SRS021960	SRR059429	Supragingival plaque	Mouth	
158256496	SRS021960	SRR059428	Supragingival plaque	Mouth	
158256496	SRS021969	SRR059431	Posterior fornix	Vagina	
158256496	SRS021969	SRR059430	Posterior fornix	Vagina	
158256496	SRS021986	SRR062093	Buccal mucosa	Mouth	
158256496	SRS021986	SRR062035	Buccal mucosa	Mouth	
158256496	SRS021986	SRR062036	Buccal mucosa	Mouth	
158256496	SRS022006	SRR062077	Anterior nares	Skin	
158256496	SRS022006	SRR060396	Anterior nares	Skin	
158256496	SRS022006	SRR060397	Anterior nares	Skin	
158256496	SRS022006	SRR062076	Anterior nares	Skin	
158337416	SRS012273	SRR059413	Gut	Gut	
158337416	SRS012273	SRR059412	Gut	Gut	
158337416	SRS012279	SRR059415	Tongue dorsum	Mouth	
158337416	SRS012279	SRR059414	Tongue dorsum	Mouth	
158337416	SRS012281	SRR059448	Buccal mucosa	Mouth	
158337416	SRS012291	SRR059411	Anterior nares	Skin	
158337416	SRS012291	SRR059410	Anterior nares	Skin	
158337416	SRS022077	SRR059511	Tongue dorsum	Mouth	
158337416	SRS022077	SRR059510	Tongue dorsum	Mouth	
158337416	SRS022079	SRR059513	Buccal mucosa	Mouth	
158337416	SRS022079	SRR059512	Buccal mucosa	Mouth	
158337416	SRS022083	SRR059515	Supragingival plaque	Mouth	
158337416	SRS022083	SRR059514	Supragingival plaque	Mouth	
158337416	SRS022092	SRR059517	Posterior fornix	Vagina	
158337416	SRS022092	SRR059516	Posterior fornix	Vagina	
158337416	SRS022093	SRR063902	Gut	Gut	
158337416	SRS022093	SRR063901	Gut	Gut	
158337416	SRS022129	SRR060437	Anterior nares	Skin	HPV139 (1)
158337416	SRS022129	SRR060436	Anterior nares	Skin	
158398106	SRS012663	SRR062105	Anterior nares	Skin	HPV110 (6),HPV23 (1),HPV80 (3)
158398106	SRS012663	SRR061901	Anterior nares	Skin	HPV110 (5),HPV17 (1),HPV80 (1)
158398106	SRS012663	SRR061902	Anterior nares	Skin	HPV110 (5),HPV17 (1),HPV80 (2)
158398106	SRS012663	SRR062104	Anterior nares	Skin	HPV110 (4),HPV17 (4),HPV80 (1)
158458797	SRS011061	SRR060371	Gut	Gut	

158458797	SRS011061	SRR060370	Gut	Gut	
158458797	SRS011086	SRR061958	Tongue dorsum	Mouth	
158458797	SRS011086	SRR061957	Tongue dorsum	Mouth	
158458797	SRS011090	SRR060389	Buccal mucosa	Mouth	
158458797	SRS011090	SRR060388	Buccal mucosa	Mouth	
158458797	SRS011098	SRR062052	Supragingival plaque	Mouth	
158458797	SRS011098	SRR059326	Supragingival plaque	Mouth	
158458797	SRS011098	SRR059327	Supragingival plaque	Mouth	
158458797	SRS011098	SRR062051	Supragingival plaque	Mouth	
158458797	SRS011105	SRR060399	Anterior nares	Skin	HPV148 (3),HPV24 (1),N (2)
158458797	SRS011105	SRR060398	Anterior nares	Skin	HPV127 (1),HPV148 (8),N (5)
158458797	SRS011111	SRR062097	Posterior fornix	Vagina	HPV121 (2),HPV126 (1),HPV153 (2)
158458797	SRS011111	SRR059320	Posterior fornix	Vagina	HPV153 (2),N (1)
158458797	SRS011111	SRR059321	Posterior fornix	Vagina	HPV153 (2),HPV74 (1)
158458797	SRS011111	SRR062045	Posterior fornix	Vagina	HPV144 (1),HPV153 (3),HPV21 (1),HPV74 (2),HPV88 (1)
158458797	SRS011111	SRR062046	Posterior fornix	Vagina	HPV142 (5),HPV153 (1),HPV21 (1)
158458797	SRS011111	SRR062096	Posterior fornix	Vagina	HPV121 (1),HPV144 (1),HPV153 (1),HPV74 (1),HPV88 (1),N (1)
158479027	SRS011084	SRR062103	Gut	Gut	
158479027	SRS011084	SRR061903	Gut	Gut	
158479027	SRS011084	SRR061904	Gut	Gut	
158479027	SRS011084	SRR062102	Gut	Gut	
158479027	SRS011115	SRR062069	Tongue dorsum	Mouth	
158479027	SRS011115	SRR062068	Tongue dorsum	Mouth	
158479027	SRS011126	SRR062056	Supragingival plaque	Mouth	
158479027	SRS011126	SRR062013	Supragingival plaque	Mouth	
158479027	SRS011126	SRR062014	Supragingival plaque	Mouth	
158479027	SRS011126	SRR062055	Supragingival plaque	Mouth	
158479027	SRS011132	SRR061908	Anterior nares	Skin	HPV120 (1),HPV12 (1)
158479027	SRS011132	SRR061907	Anterior nares	Skin	
158479027	SRS021473	SRR062079	Buccal mucosa	Mouth	
158479027	SRS021473	SRR060422	Buccal mucosa	Mouth	
158479027	SRS021473	SRR060423	Buccal mucosa	Mouth	
158479027	SRS021473	SRR062078	Buccal mucosa	Mouth	
158479027	SRS021477	SRR060425	Supragingival plaque	Mouth	
158479027	SRS021477	SRR060424	Supragingival plaque	Mouth	
158479027	SRS021483	SRR059837	Anterior nares	Skin	HPV110 (2),HPV120 (29),HPV8 (1)
158479027	SRS021483	SRR059836	Anterior nares	Skin	HPV120 (33),HPV38 (1)

158479027	SRS021484	SRR059853	Gut	Gut	
158479027	SRS021484	SRR059852	Gut	Gut	
158479027	SRS021496	SRR060379	Tongue dorsum	Mouth	HPV38 (1)
158479027	SRS021496	SRR060378	Tongue dorsum	Mouth	
158499257	SRS011134	SRR060443	Gut	Gut	
158499257	SRS011134	SRR060442	Gut	Gut	
158499257	SRS011140	SRR062054	Tongue dorsum	Mouth	
158499257	SRS011140	SRR062053	Tongue dorsum	Mouth	
158499257	SRS011144	SRR062032	Buccal mucosa	Mouth	HPV9 (1)
158499257	SRS011144	SRR062031	Buccal mucosa	Mouth	
158499257	SRS011152	SRR061912	Supragingival plaque	Mouth	HPV12 (1)
158499257	SRS011152	SRR061911	Supragingival plaque	Mouth	N (1)
158499257	SRS022602	SRR059909	Supragingival plaque	Mouth	
158499257	SRS022602	SRR059908	Supragingival plaque	Mouth	
158499257	SRS022609	SRR060353	Gut	Gut	
158499257	SRS022609	SRR060352	Gut	Gut	
158499257	SRS022621	SRR059893	Tongue dorsum	Mouth	
158499257	SRS022621	SRR059892	Tongue dorsum	Mouth	
158499257	SRS022625	SRR061966	Buccal mucosa	Mouth	
158499257	SRS022625	SRR061965	Buccal mucosa	Mouth	
158499257	SRS022645	SRR060383	Anterior nares	Skin	
158499257	SRS022645	SRR060382	Anterior nares	Skin	
158742018	SRS011239	SRR059855	Gut	Gut	
158742018	SRS011239	SRR059854	Gut	Gut	
158742018	SRS011243	SRR060417	Tongue dorsum	Mouth	
158742018	SRS011243	SRR060416	Tongue dorsum	Mouth	
158742018	SRS011247	SRR060401	Buccal mucosa	Mouth	
158742018	SRS011247	SRR060400	Buccal mucosa	Mouth	
158742018	SRS011255	SRR059919	Supragingival plaque	Mouth	
158742018	SRS011255	SRR059918	Supragingival plaque	Mouth	
158742018	SRS011263	SRR060439	Anterior nares	Skin	
158742018	SRS011263	SRR060438	Anterior nares	Skin	
158742018	SRS011269	SRR060413	Posterior fornix	Vagina	
158742018	SRS011269	SRR060412	Posterior fornix	Vagina	
158802708	SRS011271	SRR061170	Gut	Gut	
158802708	SRS011271	SRR061168	Gut	Gut	
158802708	SRS023526	SRR059417	Gut	Gut	
158802708	SRS023526	SRR059416	Gut	Gut	
158802708	SRS023534	SRR059419	Buccal mucosa	Mouth	
158802708	SRS023534	SRR059418	Buccal mucosa	Mouth	
158802708	SRS023538	SRR059899	Supragingival plaque	Mouth	

158802708	SRS023538	SRR059898	Supragingival plaque	Mouth	
158802708	SRS023557	SRR061956	Tongue dorsum	Mouth	
158802708	SRS023557	SRR061955	Tongue dorsum	Mouth	
158883629	SRS012902	SRR059421	Gut	Gut	
158883629	SRS012902	SRR059420	Gut	Gut	
158883629	SRS023829	SRR061932	Gut	Gut	
158883629	SRS023829	SRR061931	Gut	Gut	
158883629	SRS023835	SRR060447	Tongue dorsum	Mouth	
158883629	SRS023835	SRR060446	Tongue dorsum	Mouth	
158883629	SRS023837	SRR060449	Buccal mucosa	Mouth	
158883629	SRS023837	SRR060448	Buccal mucosa	Mouth	
158883629	SRS023841	SRR061916	Supragingival plaque	Mouth	
158883629	SRS023841	SRR061915	Supragingival plaque	Mouth	
158883629	SRS023847	SRR061942	Anterior nares	Skin	HPV148 (1)
158883629	SRS023847	SRR061941	Anterior nares	Skin	
158883629	SRS023850	SRR061918	Posterior fornix	Vagina	HPV91 (8)
158883629	SRS023850	SRR061917	Posterior fornix	Vagina	HPV91 (5)
158883629	SRS075398	SRR063921	Gut	Gut	
158883629	SRS075398	SRR063915	Gut	Gut	
158883629	SRS075404	SRR063928	Tongue dorsum	Mouth	
158883629	SRS075404	SRR063910	Tongue dorsum	Mouth	
158883629	SRS075404	SRR063913	Tongue dorsum	Mouth	
158883629	SRS075404	SRR063914	Tongue dorsum	Mouth	
158883629	SRS075406	SRR063922	Buccal mucosa	Mouth	
158883629	SRS075406	SRR063916	Buccal mucosa	Mouth	
158883629	SRS075410	SRR063926	Supragingival plaque	Mouth	
158883629	SRS075410	SRR063918	Supragingival plaque	Mouth	HPV138 (1),N (1)
158883629	SRS075410	SRR063919	Supragingival plaque	Mouth	HPV17 (1)
158883629	SRS075410	SRR063923	Supragingival plaque	Mouth	HPV17 (1)
158883629	SRS075419	SRR063924	Posterior fornix	Vagina	HPV91 (3)
158883629	SRS075419	SRR063911	Posterior fornix	Vagina	HPV91 (4)
158924089	SRS023176	SRR059901	Gut	Gut	
158924089	SRS023176	SRR059900	Gut	Gut	
158924089	SRS023212	SRR062094	Anterior nares	Skin	HPV124 (1),N (1)
158924089	SRS023212	SRR062037	Anterior nares	Skin	
158924089	SRS023212	SRR062038	Anterior nares	Skin	
158944319	SRS011302	SRR060411	Gut	Gut	
158944319	SRS011302	SRR060410	Gut	Gut	
158944319	SRS011306	SRR059929	Tongue dorsum	Mouth	
158944319	SRS011306	SRR059928	Tongue dorsum	Mouth	
158944319	SRS011310	SRR062050	Buccal mucosa	Mouth	HPV8 (1)

158944319	SRS011310	SRR059324	Buccal mucosa	Mouth	
158944319	SRS011310	SRR059325	Buccal mucosa	Mouth	
158944319	SRS011310	SRR062049	Buccal mucosa	Mouth	
158944319	SRS011343	SRR060421	Supragingival plaque	Mouth	
158944319	SRS011343	SRR060420	Supragingival plaque	Mouth	
158944319	SRS011355	SRR062073	Posterior fornix	Vagina	HPV43 (112),HPV45 (276),HPV53 (427)
158944319	SRS011355	SRR060392	Posterior fornix	Vagina	HPV43 (157),HPV45 (443),HPV53 (573),HPV61 (1),N (3)
158944319	SRS011355	SRR060393	Posterior fornix	Vagina	HPV43 (147),HPV45 (413),HPV53 (563),N (5)
158944319	SRS011355	SRR062072	Posterior fornix	Vagina	HPV43 (126),HPV45 (352),HPV53 (470),N (2)
158944319	SRS024265	SRR060369	Gut	Gut	
158944319	SRS024265	SRR060368	Gut	Gut	
158944319	SRS024277	SRR060409	Tongue dorsum	Mouth	
158944319	SRS024277	SRR060408	Tongue dorsum	Mouth	
158944319	SRS024281	SRR062107	Buccal mucosa	Mouth	
158944319	SRS024281	SRR060418	Buccal mucosa	Mouth	
158944319	SRS024281	SRR060419	Buccal mucosa	Mouth	
158944319	SRS024281	SRR062106	Buccal mucosa	Mouth	
158944319	SRS024289	SRR060407	Supragingival plaque	Mouth	
158944319	SRS024289	SRR060406	Supragingival plaque	Mouth	
158944319	SRS024301	SRR060415	Anterior nares	Skin	
158944319	SRS024301	SRR060414	Anterior nares	Skin	
158944319	SRS024310	SRR062075	Posterior fornix	Vagina	HPV53 (1)
158944319	SRS024310	SRR060394	Posterior fornix	Vagina	
158944319	SRS024310	SRR060395	Posterior fornix	Vagina	HPV53 (3)
158944319	SRS024310	SRR062074	Posterior fornix	Vagina	HPV53 (1)
158984779	SRS011397	SRR060403	Anterior nares	Skin	HPV98 (1)
158984779	SRS011397	SRR060402	Anterior nares	Skin	HPV98 (1)
159005010	SRS023583	SRR059423	Gut	Gut	
159005010	SRS023583	SRR059422	Gut	Gut	
159005010	SRS023591	SRR059921	Buccal mucosa	Mouth	
159005010	SRS023591	SRR059920	Buccal mucosa	Mouth	
159005010	SRS023617	SRR062071	Tongue dorsum	Mouth	
159005010	SRS023617	SRR060390	Tongue dorsum	Mouth	
159005010	SRS023617	SRR060391	Tongue dorsum	Mouth	
159005010	SRS023617	SRR062070	Tongue dorsum	Mouth	
159146620	SRS011452	SRR062428	Gut	Gut	
159146620	SRS011452	SRR062426	Gut	Gut	
159166850	SRS011529	SRR061173	Gut	Gut	HPV47 (1)
159166850	SRS011529	SRR061153	Gut	Gut	HPV47 (2)
159207311	SRS013476	SRR059505	Gut	Gut	

159207311	SRS013476	SRR059504	Gut	Gut	
159207311	SRS013502	SRR061954	Tongue dorsum	Mouth	
159207311	SRS013502	SRR061953	Tongue dorsum	Mouth	
159207311	SRS013506	SRR062040	Buccal mucosa	Mouth	
159207311	SRS013506	SRR062039	Buccal mucosa	Mouth	
159207311	SRS013637	SRR062087	Anterior nares	Skin	
159207311	SRS013637	SRR059502	Anterior nares	Skin	
159207311	SRS013637	SRR059503	Anterior nares	Skin	
159207311	SRS013637	SRR062086	Anterior nares	Skin	
159207311	SRS017304	SRR061936	Supragingival plaque	Mouth	
159207311	SRS017304	SRR061935	Supragingival plaque	Mouth	
159207311	SRS024132	SRR059507	Gut	Gut	
159207311	SRS024132	SRR059506	Gut	Gut	
159207311	SRS024138	SRR059509	Tongue dorsum	Mouth	
159207311	SRS024138	SRR059508	Tongue dorsum	Mouth	
159207311	SRS024140	SRR059369	Buccal mucosa	Mouth	
159207311	SRS024140	SRR059368	Buccal mucosa	Mouth	
159207311	SRS024144	SRR059371	Supragingival plaque	Mouth	
159207311	SRS024144	SRR059370	Supragingival plaque	Mouth	
159227541	SRS013521	SRR059813	Gut	Gut	
159227541	SRS013521	SRR059812	Gut	Gut	
159227541	SRS013533	SRR059815	Supragingival plaque	Mouth	
159227541	SRS013533	SRR059814	Supragingival plaque	Mouth	
159227541	SRS013542	SRR059817	Posterior fornix	Vagina	HPV66 (12)
159227541	SRS013542	SRR059816	Posterior fornix	Vagina	HPV66 (4)
159227541	SRS049147	SRR059989	Tongue dorsum	Mouth	
159227541	SRS049147	SRR059988	Tongue dorsum	Mouth	
159227541	SRS049995	SRR059985	Gut	Gut	
159227541	SRS049995	SRR059984	Gut	Gut	
159227541	SRS052756	SRR059987	Posterior fornix	Vagina	
159227541	SRS052756	SRR059986	Posterior fornix	Vagina	
159227541	SRS078176	SRR060001	Gut	Gut	
159227541	SRS078176	SRR060000	Gut	Gut	
159227541	SRS078182	SRR061735	Tongue dorsum	Mouth	
159227541	SRS078182	SRR061734	Tongue dorsum	Mouth	
159227541	SRS078197	SRR064531	Posterior fornix	Vagina	
159227541	SRS078197	SRR061736	Posterior fornix	Vagina	
159227541	SRS078197	SRR061737	Posterior fornix	Vagina	
159227541	SRS078197	SRR064530	Posterior fornix	Vagina	
159247771	SRS011405	SRR061166	Gut	Gut	
159247771	SRS011405	SRR061164	Gut	Gut	

159247771	SRS011584	SRR062483	Posterior fornix	Vagina	
159247771	SRS011584	SRR062434	Posterior fornix	Vagina	
159247771	SRS024009	SRR059461	Gut	Gut	
159247771	SRS024017	SRR059833	Buccal mucosa	Mouth	
159247771	SRS024017	SRR059832	Buccal mucosa	Mouth	
159247771	SRS024021	SRR059433	Supragingival plaque	Mouth	
159247771	SRS024021	SRR059432	Supragingival plaque	Mouth	
159247771	SRS024064	SRR062008	Anterior nares	Skin	HPV134 (1),HPV149 (1),N (1)
159247771	SRS024064	SRR062007	Anterior nares	Skin	HPV8 (1)
159247771	SRS024068	SRR059435	Posterior fornix	Vagina	
159247771	SRS024068	SRR059434	Posterior fornix	Vagina	
159268001	SRS013687	SRR060375	Gut	Gut	
159268001	SRS013687	SRR060374	Gut	Gut	
159268001	SRS013705	SRR060361	Tongue dorsum	Mouth	
159268001	SRS013705	SRR060360	Tongue dorsum	Mouth	
159268001	SRS013711	SRR062010	Buccal mucosa	Mouth	HPV98 (1)
159268001	SRS013711	SRR062009	Buccal mucosa	Mouth	HPV155 (1)
159268001	SRS013723	SRR059889	Supragingival plaque	Mouth	
159268001	SRS013723	SRR059888	Supragingival plaque	Mouth	
159268001	SRS023914	SRR060363	Gut	Gut	
159268001	SRS023914	SRR060362	Gut	Gut	
159268001	SRS023926	SRR060387	Tongue dorsum	Mouth	
159268001	SRS023926	SRR060386	Tongue dorsum	Mouth	
159268001	SRS023930	SRR061962	Buccal mucosa	Mouth	
159268001	SRS023930	SRR061961	Buccal mucosa	Mouth	
159268001	SRS023938	SRR060355	Supragingival plaque	Mouth	
159268001	SRS023938	SRR060354	Supragingival plaque	Mouth	
159369152	SRS013158	SRR059897	Gut	Gut	
159369152	SRS013158	SRR059896	Gut	Gut	
159369152	SRS013164	SRR059849	Tongue dorsum	Mouth	
159369152	SRS013164	SRR059848	Tongue dorsum	Mouth	
159369152	SRS013170	SRR059867	Supragingival plaque	Mouth	
159369152	SRS013170	SRR059866	Supragingival plaque	Mouth	
159369152	SRS023958	SRR059851	Tongue dorsum	Mouth	
159369152	SRS023958	SRR059850	Tongue dorsum	Mouth	
159369152	SRS023964	SRR059869	Supragingival plaque	Mouth	
159369152	SRS023964	SRR059868	Supragingival plaque	Mouth	
159369152	SRS023970	SRR059879	Anterior nares	Skin	
159369152	SRS023970	SRR059878	Anterior nares	Skin	
159369152	SRS023971	SRR059911	Gut	Gut	

159369152	SRS023971	SRR059910	Gut	Gut	
159369152	SRS023987	SRR062028	Buccal mucosa	Mouth	HPV148 (1)
159369152	SRS023987	SRR062027	Buccal mucosa	Mouth	
159450072	SRS016944	SRR062061	L_Retroauricular crease	Skin	
159450072	SRS016944	SRR062021	L_Retroauricular crease	Skin	
159450072	SRS016944	SRR062022	L_Retroauricular crease	Skin	
159450072	SRS016944	SRR062060	L_Retroauricular crease	Skin	
159490532	SRS016989	SRR059373	Gut	Gut	
159490532	SRS016989	SRR059372	Gut	Gut	
159490532	SRS016990	SRR063900	Gut	Gut	
159490532	SRS016990	SRR063899	Gut	Gut	
159490532	SRS017007	SRR062081	Tongue dorsum	Mouth	
159490532	SRS017007	SRR059374	Tongue dorsum	Mouth	
159490532	SRS017007	SRR059375	Tongue dorsum	Mouth	
159490532	SRS017007	SRR062080	Tongue dorsum	Mouth	
159490532	SRS017013	SRR059895	Buccal mucosa	Mouth	
159490532	SRS017013	SRR059894	Buccal mucosa	Mouth	
159490532	SRS017025	SRR059329	Supragingival plaque	Mouth	
159490532	SRS017025	SRR059328	Supragingival plaque	Mouth	
159490532	SRS017044	SRR061914	Anterior nares	Skin	HPV12 (1),HPV19 (15)
159490532	SRS017044	SRR061913	Anterior nares	Skin	HPV19 (14),HPV28 (2)
159490532	SRS044474	SRR062026	Anterior nares	Skin	HPV12 (2),HPV142 (1),HPV17 (1),HPV19 (2),HPV88 (1),N (1)
159490532	SRS044474	SRR062025	Anterior nares	Skin	HPV119 (3),HPV134 (1),HPV147 (1),HPV19 (4),N (1)
159490532	SRS046686	SRR059335	Buccal mucosa	Mouth	
159490532	SRS046686	SRR059334	Buccal mucosa	Mouth	
159490532	SRS052027	SRR059331	Gut	Gut	
159490532	SRS052027	SRR059330	Gut	Gut	
159490532	SRS054430	SRR059337	Supragingival plaque	Mouth	
159490532	SRS054430	SRR059336	Supragingival plaque	Mouth	
159490532	SRS055495	SRR059333	Tongue dorsum	Mouth	
159490532	SRS055495	SRR059332	Tongue dorsum	Mouth	
159490532	SRS058182	SRR061928	R_Retroauricular crease	Skin	HPV112 (2),HPV130 (1),HPV48 (4),HPV4 (1),HPV60 (1),HPV76 (2),N (3)
159490532	SRS058182	SRR061927	R_Retroauricular crease	Skin	HPV112 (1),HPV116 (2),HPV130 (1),HPV136 (1),HPV137 (1),HPV34 (1),HPV60 (2),HPV76 (1),N (2)
159510762	SRS017247	SRR059829	Gut	Gut	
159510762	SRS017247	SRR059828	Gut	Gut	
159510762	SRS024075	SRR061691	Gut	Gut	

159510762	SRS024075	SRR061689	Gut	Gut	
159510762	SRS024075	SRR061690	Gut	Gut	
159510762	SRS024081	SRR060076	Tongue dorsum	Mouth	
159510762	SRS024081	SRR060075	Tongue dorsum	Mouth	
159510762	SRS024087	SRR059965	Supragingival plaque	Mouth	HPV126 (1)
159510762	SRS024087	SRR059964	Supragingival plaque	Mouth	
159510762	SRS063035	SRR059997	Anterior nares	Skin	
159510762	SRS063035	SRR059996	Anterior nares	Skin	HPV37 (1),HPV38 (1)
159510762	SRS063932	SRR060120	Tongue dorsum	Mouth	
159510762	SRS063932	SRR060119	Tongue dorsum	Mouth	HPV26 (1)
159510762	SRS064329	SRR060122	Supragingival plaque	Mouth	
159510762	SRS064329	SRR060121	Supragingival plaque	Mouth	
159551223	SRS017103	SRR060365	Gut	Gut	
159551223	SRS017103	SRR060364	Gut	Gut	
159551223	SRS017120	SRR059883	Tongue dorsum	Mouth	
159551223	SRS017120	SRR059882	Tongue dorsum	Mouth	
159551223	SRS017127	SRR061946	Buccal mucosa	Mouth	HPV50 (1)
159551223	SRS017127	SRR061945	Buccal mucosa	Mouth	HPV20 (1)
159551223	SRS017139	SRR059903	Supragingival plaque	Mouth	
159551223	SRS017139	SRR059902	Supragingival plaque	Mouth	
159551223	SRS017156	SRR059863	Anterior nares	Skin	
159551223	SRS017156	SRR059862	Anterior nares	Skin	
159551223	SRS024318	SRR060351	Tongue dorsum	Mouth	
159551223	SRS024318	SRR060350	Tongue dorsum	Mouth	
159551223	SRS024331	SRR059891	Gut	Gut	
159551223	SRS024331	SRR059890	Gut	Gut	
159551223	SRS024347	SRR061970	Buccal mucosa	Mouth	
159551223	SRS024347	SRR061969	Buccal mucosa	Mouth	
159551223	SRS024355	SRR059865	Supragingival plaque	Mouth	
159551223	SRS024355	SRR059864	Supragingival plaque	Mouth	
159571453	SRS013155	SRR059858	Anterior nares	Skin	
159571453	SRS013800	SRR059339	Gut	Gut	
159571453	SRS013800	SRR059338	Gut	Gut	
159571453	SRS013818	SRR059835	Tongue dorsum	Mouth	
159571453	SRS013818	SRR059834	Tongue dorsum	Mouth	
159571453	SRS013825	SRR061976	Buccal mucosa	Mouth	
159571453	SRS013825	SRR061975	Buccal mucosa	Mouth	
159571453	SRS013836	SRR059341	Supragingival plaque	Mouth	
159571453	SRS013836	SRR059340	Supragingival plaque	Mouth	
159571453	SRS024435	SRR059343	Gut	Gut	

159571453	SRS024435	SRR059342	Gut	Gut	
159571453	SRS024441	SRR059361	Tongue dorsum	Mouth	
159571453	SRS024441	SRR059360	Tongue dorsum	Mouth	
159571453	SRS024447	SRR059363	Supragingival plaque	Mouth	
159571453	SRS024447	SRR059362	Supragingival plaque	Mouth	
159571453	SRS024470	SRR061978	Buccal mucosa	Mouth	
159571453	SRS024470	SRR061977	Buccal mucosa	Mouth	
159571453	SRS024482	SRR061948	L_Retroauricular crease	Skin	HPV142 (1),HPV17 (72),HPV19 (1)
159571453	SRS024482	SRR061947	L_Retroauricular crease	Skin	HPV142 (1),HPV17 (70),HPV19 (1),HPV21 (1),HPV80 (1)
159591683	SRS013215	SRR059367	Gut	Gut	
159591683	SRS013215	SRR059366	Gut	Gut	
159591683	SRS013216	SRR063802	Gut	Gut	
159591683	SRS013216	SRR063801	Gut	Gut	
159591683	SRS013234	SRR061940	Tongue dorsum	Mouth	HPV20 (1)
159591683	SRS013234	SRR061939	Tongue dorsum	Mouth	HPV135 (1),HPV147 (1)
159591683	SRS013239	SRR059385	Buccal mucosa	Mouth	
159591683	SRS013239	SRR059384	Buccal mucosa	Mouth	
159591683	SRS013252	SRR061968	Supragingival plaque	Mouth	
159591683	SRS013252	SRR061967	Supragingival plaque	Mouth	
159591683	SRS013258	SRR063917	L_Retroauricular crease	Skin	
159591683	SRS013258	SRR062108	L_Retroauricular crease	Skin	
159591683	SRS013261	SRR062091	R_Retroauricular crease	Skin	
159591683	SRS013261	SRR061995	R_Retroauricular crease	Skin	HPV5 (1)
159591683	SRS013261	SRR061996	R_Retroauricular crease	Skin	
159591683	SRS013261	SRR062090	R_Retroauricular crease	Skin	
159591683	SRS013269	SRR059365	Anterior nares	Skin	
159591683	SRS013269	SRR059364	Anterior nares	Skin	
159591683	SRS024561	SRR059409	Supragingival plaque	Mouth	
159591683	SRS024561	SRR059408	Supragingival plaque	Mouth	
159591683	SRS024567	SRR059386	Anterior nares	Skin	
159591683	SRS024580	SRR061998	Tongue dorsum	Mouth	HPV135 (1),HPV17 (3),HPV20 (1)
159591683	SRS024580	SRR061997	Tongue dorsum	Mouth	HPV17 (2)
159591683	SRS024596	SRR062018	L_Retroauricular crease	Skin	HPV133 (1)
159591683	SRS024596	SRR062017	L_Retroauricular crease	Skin	
159591683	SRS024598	SRR061922	R_Retroauricular crease	Skin	HPV15 (1),HPV80 (1)
159591683	SRS024598	SRR061921	R_Retroauricular crease	Skin	

159611913	SRS016954	SRR061920	Gut	Gut	
159611913	SRS016954	SRR061919	Gut	Gut	
159611913	SRS017076	SRR062095	Tongue dorsum	Mouth	
159611913	SRS017076	SRR060430	Tongue dorsum	Mouth	
159611913	SRS017076	SRR060431	Tongue dorsum	Mouth	
159611913	SRS017080	SRR062089	Buccal mucosa	Mouth	
159611913	SRS017080	SRR060434	Buccal mucosa	Mouth	
159611913	SRS017080	SRR060435	Buccal mucosa	Mouth	
159611913	SRS017080	SRR062088	Buccal mucosa	Mouth	
159611913	SRS017088	SRR062034	Supragingival plaque	Mouth	
159611913	SRS017088	SRR062033	Supragingival plaque	Mouth	
159611913	SRS024620	SRR059925	L_Retroauricular crease	Skin	
159611913	SRS024620	SRR059924	L_Retroauricular crease	Skin	
159611913	SRS024625	SRR061930	Gut	Gut	
159611913	SRS024625	SRR061929	Gut	Gut	
159611913	SRS024637	SRR060441	Tongue dorsum	Mouth	
159611913	SRS024637	SRR060440	Tongue dorsum	Mouth	
159611913	SRS024641	SRR062030	Buccal mucosa	Mouth	
159611913	SRS024641	SRR062029	Buccal mucosa	Mouth	HPV145 (1)
159611913	SRS024649	SRR062101	Supragingival plaque	Mouth	
159611913	SRS024649	SRR061905	Supragingival plaque	Mouth	
159611913	SRS024649	SRR061906	Supragingival plaque	Mouth	
159611913	SRS024649	SRR062092	Supragingival plaque	Mouth	
159611913	SRS024655	SRR062006	R_Retroauricular crease	Skin	HPV149 (1)
159611913	SRS024655	SRR062005	R_Retroauricular crease	Skin	
159632143	SRS016342	SRR059839	Tongue dorsum	Mouth	
159632143	SRS016342	SRR059838	Tongue dorsum	Mouth	
159632143	SRS016349	SRR061910	Buccal mucosa	Mouth	
159632143	SRS016349	SRR061909	Buccal mucosa	Mouth	
159632143	SRS016360	SRR060381	Supragingival plaque	Mouth	
159632143	SRS016360	SRR060380	Supragingival plaque	Mouth	
159632143	SRS017307	SRR059885	Gut	Gut	
159632143	SRS017307	SRR059884	Gut	Gut	
159672603	SRS016434	SRR061964	Anterior nares	Skin	
159672603	SRS016434	SRR061963	Anterior nares	Skin	
159713063	SRS024375	SRR059437	Tongue dorsum	Mouth	
159713063	SRS024375	SRR059436	Tongue dorsum	Mouth	
159713063	SRS024377	SRR059439	Buccal mucosa	Mouth	
159713063	SRS024377	SRR059438	Buccal mucosa	Mouth	

159713063	SRS024381	SRR059841	Supragingival plaque	Mouth	
159713063	SRS024381	SRR059840	Supragingival plaque	Mouth	
159713063	SRS024388	SRR059345	Gut	Gut	
159713063	SRS024388	SRR059344	Gut	Gut	
159713063	SRS024424	SRR063927	Anterior nares	Skin	HPV17 (3),HPV23 (1)
159713063	SRS024424	SRR063925	Anterior nares	Skin	HPV17 (5)
159733294	SRS011586	SRR061145	Gut	Gut	
159733294	SRS011586	SRR061144	Gut	Gut	
159753524	SRS016495	SRR060026	Gut	Gut	
159753524	SRS016495	SRR060025	Gut	Gut	
159753524	SRS016501	SRR061693	Tongue dorsum	Mouth	
159753524	SRS016501	SRR061692	Tongue dorsum	Mouth	
159753524	SRS016503	SRR059827	Buccal mucosa	Mouth	
159753524	SRS016503	SRR059826	Buccal mucosa	Mouth	
159753524	SRS016513	SRR060028	Anterior nares	Skin	
159753524	SRS016513	SRR060027	Anterior nares	Skin	
159753524	SRS016516	SRR059825	Posterior fornix	Vagina	
159753524	SRS016516	SRR059824	Posterior fornix	Vagina	
159753524	SRS016517	SRR061934	Gut	Gut	
159753524	SRS016517	SRR061933	Gut	Gut	
159753524	SRS016529	SRR062004	Tongue dorsum	Mouth	
159753524	SRS016529	SRR062003	Tongue dorsum	Mouth	
159753524	SRS016533	SRR061960	Buccal mucosa	Mouth	
159753524	SRS016533	SRR061959	Buccal mucosa	Mouth	
159753524	SRS016541	SRR060405	Supragingival plaque	Mouth	
159753524	SRS016541	SRR060404	Supragingival plaque	Mouth	
159753524	SRS016553	SRR060433	Anterior nares	Skin	
159753524	SRS016553	SRR060432	Anterior nares	Skin	
159753524	SRS016559	SRR060445	Posterior fornix	Vagina	
159753524	SRS016559	SRR060444	Posterior fornix	Vagina	
159753524	SRS042858	SRR060080	Posterior fornix	Vagina	
159753524	SRS042858	SRR060079	Posterior fornix	Vagina	
159753524	SRS053214	SRR059991	Gut	Gut	
159753524	SRS053214	SRR059990	Gut	Gut	
159753524	SRS056157	SRR060078	Buccal mucosa	Mouth	
159753524	SRS056157	SRR060077	Buccal mucosa	Mouth	
159753524	SRS077730	SRR060138	Gut	Gut	
159753524	SRS077730	SRR060137	Gut	Gut	
159753524	SRS077736	SRR061696	Tongue dorsum	Mouth	
159753524	SRS077736	SRR061694	Tongue dorsum	Mouth	
159753524	SRS077736	SRR061695	Tongue dorsum	Mouth	
159753524	SRS077738	SRR059999	Buccal mucosa	Mouth	

159753524	SRS077738	SRR059998	Buccal mucosa	Mouth	
159753524	SRS077751	SRR060140	Posterior fornix	Vagina	
159753524	SRS077751	SRR060139	Posterior fornix	Vagina	
159814214	SRS017191	SRR060359	Gut	Gut	
159814214	SRS017191	SRR060358	Gut	Gut	
159814214	SRS017209	SRR062048	Tongue dorsum	Mouth	
159814214	SRS017209	SRR059322	Tongue dorsum	Mouth	
159814214	SRS017209	SRR059323	Tongue dorsum	Mouth	
159814214	SRS017209	SRR062047	Tongue dorsum	Mouth	
159814214	SRS017215	SRR062024	Buccal mucosa	Mouth	
159814214	SRS017215	SRR062023	Buccal mucosa	Mouth	
159814214	SRS017227	SRR059861	Supragingival plaque	Mouth	
159814214	SRS017227	SRR059860	Supragingival plaque	Mouth	
159814214	SRS017244	SRR060367	Anterior nares	Skin	HPV110 (2)
159814214	SRS017244	SRR060366	Anterior nares	Skin	HPV149 (2)
159814214	SRS043422	SRR062000	Buccal mucosa	Mouth	
159814214	SRS043422	SRR061999	Buccal mucosa	Mouth	
159814214	SRS043701	SRR059915	Gut	Gut	
159814214	SRS043701	SRR059914	Gut	Gut	
159814214	SRS047113	SRR061950	Supragingival plaque	Mouth	
159814214	SRS047113	SRR061949	Supragingival plaque	Mouth	
159814214	SRS047225	SRR061944	Anterior nares	Skin	
159814214	SRS047225	SRR061943	Anterior nares	Skin	HPV12 (3)
159814214	SRS050669	SRR059881	Tongue dorsum	Mouth	
159814214	SRS050669	SRR059880	Tongue dorsum	Mouth	
159915365	SRS016584	SRR062100	Posterior fornix	Vagina	
159915365	SRS016584	SRR062057	Posterior fornix	Vagina	
159915365	SRS016585	SRR059347	Gut	Gut	
159915365	SRS016585	SRR059346	Gut	Gut	
159915365	SRS016600	SRR062063	Buccal mucosa	Mouth	
159915365	SRS016600	SRR061981	Buccal mucosa	Mouth	
159915365	SRS016600	SRR061982	Buccal mucosa	Mouth	
159915365	SRS016600	SRR062062	Buccal mucosa	Mouth	
160158126	SRS018133	SRR061974	Gut	Gut	
160158126	SRS018133	SRR061973	Gut	Gut	
160158126	SRS018145	SRR060377	Tongue dorsum	Mouth	
160158126	SRS018145	SRR060376	Tongue dorsum	Mouth	
160158126	SRS018149	SRR062067	Buccal mucosa	Mouth	
160158126	SRS018149	SRR062066	Buccal mucosa	Mouth	
160158126	SRS018157	SRR061972	Supragingival plaque	Mouth	
160158126	SRS018157	SRR061971	Supragingival plaque	Mouth	

160158126	SRS047634	SRR060385	Supragingival plaque	Mouth	
160158126	SRS047634	SRR060384	Supragingival plaque	Mouth	
160158126	SRS054569	SRR059870	Buccal mucosa	Mouth	
160158126	SRS057692	SRR059857	Tongue dorsum	Mouth	
160158126	SRS057692	SRR059856	Tongue dorsum	Mouth	
160158126	SRS058770	SRR060357	Gut	Gut	
160158126	SRS058770	SRR060356	Gut	Gut	
160178356	SRS018359	SRR062059	Buccal mucosa	Mouth	
160178356	SRS018359	SRR062058	Buccal mucosa	Mouth	
160178356	SRS018369	SRR059913	Anterior nares	Skin	
160178356	SRS018369	SRR059912	Anterior nares	Skin	
160178356	SRS018394	SRR062002	Supragingival plaque	Mouth	
160178356	SRS018394	SRR062001	Supragingival plaque	Mouth	
160218816	SRS018427	SRR059917	Gut	Gut	
160218816	SRS018427	SRR059916	Gut	Gut	
160218816	SRS018439	SRR059907	Tongue dorsum	Mouth	
160218816	SRS018439	SRR059906	Tongue dorsum	Mouth	
160218816	SRS018443	SRR062042	Buccal mucosa	Mouth	
160218816	SRS018443	SRR062041	Buccal mucosa	Mouth	
160218816	SRS018463	SRR059873	Anterior nares	Skin	
160218816	SRS018463	SRR059872	Anterior nares	Skin	
160319967	SRS017433	SRR059379	Gut	Gut	
160319967	SRS017433	SRR059378	Gut	Gut	
160319967	SRS017439	SRR059381	Tongue dorsum	Mouth	
160319967	SRS017439	SRR059380	Tongue dorsum	Mouth	
160319967	SRS017441	SRR059383	Buccal mucosa	Mouth	
160319967	SRS017441	SRR059382	Buccal mucosa	Mouth	
160319967	SRS017445	SRR062083	Supragingival plaque	Mouth	
160319967	SRS017445	SRR059844	Supragingival plaque	Mouth	HPV62 (1)
160319967	SRS017445	SRR059845	Supragingival plaque	Mouth	
160319967	SRS017445	SRR062082	Supragingival plaque	Mouth	
160319967	SRS017451	SRR059377	Anterior nares	Skin	HPV4 (1)
160319967	SRS017451	SRR059376	Anterior nares	Skin	HPV112 (1),HPV4 (2)
160319967	SRS017497	SRR059349	Posterior fornix	Vagina	HPV51 (1),HPV62 (39),HPV68 (10),HPV83 (3)
160319967	SRS017497	SRR059348	Posterior fornix	Vagina	HPV51 (1),HPV62 (27),HPV68 (9),HPV6 (1)
160380657	SRS018313	SRR062012	Gut	Gut	
160380657	SRS018313	SRR062011	Gut	Gut	
160380657	SRS018329	SRR062085	Buccal mucosa	Mouth	
160380657	SRS018329	SRR062043	Buccal mucosa	Mouth	
160380657	SRS018329	SRR062044	Buccal mucosa	Mouth	

160380657	SRS018329	SRR062084	Buccal mucosa	Mouth	
160380657	SRS018337	SRR061980	Supragingival plaque	Mouth	
160380657	SRS018337	SRR061979	Supragingival plaque	Mouth	
160400887	SRS020222	SRR062099	Buccal mucosa	Mouth	HPV144 (10)
160400887	SRS020222	SRR059488	Buccal mucosa	Mouth	
160400887	SRS020222	SRR059489	Buccal mucosa	Mouth	HPV144 (8)
160400887	SRS020222	SRR062098	Buccal mucosa	Mouth	HPV144 (10)
160400887	SRS020226	SRR059491	Supragingival plaque	Mouth	
160400887	SRS020226	SRR059490	Supragingival plaque	Mouth	
160400887	SRS020233	SRR059351	Gut	Gut	
160400887	SRS020233	SRR059350	Gut	Gut	HPV47 (1)
160400887	SRS020261	SRR062020	L_Retroauricular crease	Skin	HPV107 (3),HPV127 (1),HPV12 (1),HPV17 (8),HPV98 (1),N (2)
160400887	SRS020261	SRR062019	L_Retroauricular crease	Skin	HPV107 (5),HPV148 (1),HPV17 (6)
160400887	SRS020263	SRR062016	R_Retroauricular crease	Skin	HPV107 (3),HPV115 (3),HPV121 (2),HPV124 (3),HPV12 (2),HPV17 (1),HPV60 (4),N (9)
160400887	SRS020263	SRR062015	R_Retroauricular crease	Skin	HPV107 (2),HPV115 (4),HPV118 (1),HPV121 (1),HPV129 (1),HPV60 (11),N (12)
160421117	SRS016740	SRR059923	Tongue dorsum	Mouth	
160421117	SRS016740	SRR059922	Tongue dorsum	Mouth	
160421117	SRS016746	SRR059927	Supragingival plaque	Mouth	
160421117	SRS016746	SRR059926	Supragingival plaque	Mouth	
160421117	SRS016752	SRR060429	Anterior nares	Skin	HPV118 (2),HPV122 (2),HPV22 (1),HPV98 (1)
160421117	SRS016752	SRR060428	Anterior nares	Skin	HPV22 (3),HPV49 (1),HPV50 (1),HPV98 (1)
160421117	SRS016753	SRR059831	Gut	Gut	
160421117	SRS016753	SRR059830	Gut	Gut	
160502038	SRS017511	SRR059847	Supragingival plaque	Mouth	
160502038	SRS017511	SRR059846	Supragingival plaque	Mouth	
160502038	SRS017520	SRR060427	Posterior fornix	Vagina	HPV56 (66)
160502038	SRS017520	SRR060426	Posterior fornix	Vagina	HPV56 (43)
160502038	SRS017521	SRR059887	Gut	Gut	HPV58 (1)
160502038	SRS017521	SRR059886	Gut	Gut	
160502038	SRS017533	SRR062065	Tongue dorsum	Mouth	
160502038	SRS017533	SRR062064	Tongue dorsum	Mouth	
160502038	SRS017537	SRR061952	Buccal mucosa	Mouth	
160502038	SRS017537	SRR061951	Buccal mucosa	Mouth	
160582958	SRS017687	SRR059905	Buccal mucosa	Mouth	
160582958	SRS017687	SRR059904	Buccal mucosa	Mouth	
160582958	SRS017691	SRR059493	Supragingival plaque	Mouth	

160582958	SRS017691	SRR059492	Supragingival plaque	Mouth	
160582958	SRS017697	SRR059877	Anterior nares	Skin	HPV4 (2)
160582958	SRS017697	SRR059876	Anterior nares	Skin	
160582958	SRS017700	SRR059495	Posterior fornix	Vagina	
160582958	SRS017700	SRR059494	Posterior fornix	Vagina	
160582958	SRS017701	SRR059353	Gut	Gut	
160582958	SRS017701	SRR059352	Gut	Gut	
160582958	SRS017713	SRR061938	Tongue dorsum	Mouth	
160582958	SRS017713	SRR061937	Tongue dorsum	Mouth	
160603188	SRS017808	SRR059403	Tongue dorsum	Mouth	
160603188	SRS017810	SRR059875	Buccal mucosa	Mouth	
160603188	SRS017810	SRR059874	Buccal mucosa	Mouth	
160603188	SRS017814	SRR060373	Supragingival plaque	Mouth	
160603188	SRS017814	SRR060372	Supragingival plaque	Mouth	
160603188	SRS017821	SRR059355	Gut	Gut	
160603188	SRS017821	SRR059354	Gut	Gut	
160603188	SRS017849	SRR061924	L_Retroauricular crease	Skin	HPV9 (31)
160603188	SRS017849	SRR061923	L_Retroauricular crease	Skin	HPV122 (1),HPV137 (1),HPV150 (1),HPV9 (116),N (3)
160603188	SRS017851	SRR061926	R_Retroauricular crease	Skin	HPV150 (3)
160603188	SRS017851	SRR061925	R_Retroauricular crease	Skin	HPV150 (3),HPV17 (1),HPV20 (1)
160643649	SRS019968	SRR059407	Gut	Gut	
160643649	SRS019968	SRR059406	Gut	Gut	
160643649	SRS019974	SRR059481	Tongue dorsum	Mouth	
160643649	SRS019974	SRR059480	Tongue dorsum	Mouth	
160643649	SRS019976	SRR059483	Buccal mucosa	Mouth	
160643649	SRS019976	SRR059482	Buccal mucosa	Mouth	
160643649	SRS019980	SRR059485	Supragingival plaque	Mouth	
160643649	SRS019980	SRR059484	Supragingival plaque	Mouth	
160643649	SRS019986	SRR059405	Anterior nares	Skin	HPV120 (1),HPV45 (2),HPV65 (1),N (11)
160643649	SRS019986	SRR059404	Anterior nares	Skin	HPV119 (1),HPV151 (1),HPV45 (1),N (6)
160643649	SRS019989	SRR059487	Posterior fornix	Vagina	
160643649	SRS019989	SRR059486	Posterior fornix	Vagina	
160704339	SRS020328	SRR059441	Gut	Gut	HPV47 (1)
160704339	SRS020328	SRR059440	Gut	Gut	HPV47 (3)
160704339	SRS020334	SRR059443	Tongue dorsum	Mouth	
160704339	SRS020334	SRR059442	Tongue dorsum	Mouth	
160704339	SRS020336	SRR059445	Buccal mucosa	Mouth	
160704339	SRS020336	SRR059444	Buccal mucosa	Mouth	
160704339	SRS020340	SRR059447	Supragingival plaque	Mouth	

160704339	SRS020340	SRR059446	Supragingival plaque	Mouth	
160704339	SRS020349	SRR059497	Posterior fornix	Vagina	
160704339	SRS020349	SRR059496	Posterior fornix	Vagina	
160704339	SRS020386	SRR063920	Anterior nares	Skin	HPV37 (1),HPV5 (66),HPV5b (2),N (3)
160704339	SRS020386	SRR061993	Anterior nares	Skin	HPV143 (1),HPV5 (101),HPV5b (3),N (3)
160704339	SRS020386	SRR061994	Anterior nares	Skin	HPV5 (103),HPV5b (3),N (4)
160704339	SRS020386	SRR063912	Anterior nares	Skin	HPV5 (79),HPV5b (1),N (5)
160765029	SRS020856	SRR059501	Tongue dorsum	Mouth	
160765029	SRS020856	SRR059500	Tongue dorsum	Mouth	
160765029	SRS020858	SRR059359	Buccal mucosa	Mouth	
160765029	SRS020858	SRR059358	Buccal mucosa	Mouth	
160765029	SRS020862	SRR059843	Supragingival plaque	Mouth	
160765029	SRS020862	SRR059842	Supragingival plaque	Mouth	
160765029	SRS020868	SRR059499	Anterior nares	Skin	
160765029	SRS020868	SRR059498	Anterior nares	Skin	
160765029	SRS020869	SRR059357	Gut	Gut	
160765029	SRS020869	SRR059356	Gut	Gut	
160765029	SRS020905	SRR059519	Anterior nares	Skin	
160765029	SRS020905	SRR059518	Anterior nares	Skin	
246515023	SRS023346	SRR060006	Gut	Gut	HPV101 (1)
246515023	SRS023352	SRR060007	Tongue dorsum	Mouth	
246515023	SRS023354	SRR060037	Buccal mucosa	Mouth	
246515023	SRS023358	SRR060004	Supragingival plaque	Mouth	HPV80 (1)
246515023	SRS023468	SRR060038	Posterior fornix	Vagina	HPV67 (1)
246515023	SRS045715	SRR060123	Tongue dorsum	Mouth	
246515023	SRS049318	SRR060142	Supragingival plaque	Mouth	
246515023	SRS055298	SRR060153	Posterior fornix	Vagina	
246515023	SRS057022	SRR060141	Buccal mucosa	Mouth	
246515023	SRS057717	SRR059818	Gut	Gut	HPV68 (1)
338793263	SRS045606	SRR061415	R_Retroauricular crease	Skin	HPV112 (1),HPV38 (7),HPV42 (52)
338793263	SRS045606	SRR061361	R_Retroauricular crease	Skin	HPV38 (5),HPV42 (56)
338793263	SRS050029	SRR063476	Buccal mucosa	Mouth	
338793263	SRS050029	SRR063474	Buccal mucosa	Mouth	
338793263	SRS051505	SRR061560	Posterior fornix	Vagina	HPV42 (220),HPV61 (127),HPV62 (25),N (4)
338793263	SRS051505	SRR061552	Posterior fornix	Vagina	HPV42 (231),HPV61 (122),HPV62 (20),HPV72 (1),N (1)
338793263	SRS052227	SRR063509	Tongue dorsum	Mouth	
338793263	SRS052227	SRR063508	Tongue dorsum	Mouth	
338793263	SRS052604	SRR061599	Supragingival plaque	Mouth	
338793263	SRS052604	SRR061580	Supragingival	Mouth	

			plaque		
338793263	SRS054061	SRR061306	Anterior nares	Skin	HPV42 (8)
338793263	SRS054061	SRR061301	Anterior nares	Skin	HPV42 (8)
338793263	SRS054590	SRR061219	Gut	Gut	
338793263	SRS054590	SRR061187	Gut	Gut	HPV42 (1)
370425937	SRS022713	SRR060035	Gut	Gut	
370425937	SRS022719	SRR060036	Tongue dorsum	Mouth	
370425937	SRS022721	SRR063709	Buccal mucosa	Mouth	
370425937	SRS022725	SRR063790	Supragingival plaque	Mouth	
370425937	SRS022725	SRR063746	Supragingival plaque	Mouth	
370425937	SRS022734	SRR063749	Posterior fornix	Vagina	
370425937	SRS044662	SRR064436	Tongue dorsum	Mouth	
370425937	SRS044662	SRR060040	Tongue dorsum	Mouth	
370425937	SRS052620	SRR060043	Posterior fornix	Vagina	
370425937	SRS052668	SRR060041	Buccal mucosa	Mouth	
370425937	SRS053917	SRR060042	Supragingival plaque	Mouth	
370425937	SRS057478	SRR060039	Gut	Gut	
404239096	SRS042643	SRR061292	Tongue dorsum	Mouth	
404239096	SRS042643	SRR061279	Tongue dorsum	Mouth	
404239096	SRS043755	SRR061577	Supragingival plaque	Mouth	
404239096	SRS043755	SRR061576	Supragingival plaque	Mouth	
404239096	SRS045049	SRR062327	Buccal mucosa	Mouth	
404239096	SRS045049	SRR062326	Buccal mucosa	Mouth	
404239096	SRS045713	SRR061583	Gut	Gut	
404239096	SRS045713	SRR061572	Gut	Gut	
404239096	SRS050025	SRR061348	Anterior nares	Skin	
404239096	SRS050025	SRR061347	Anterior nares	Skin	
404239096	SRS058221	SRR061288	R_Retroauricular crease	Skin	
404239096	SRS058221	SRR061277	R_Retroauricular crease	Skin	
508703490	SRS047708	SRR061321	Anterior nares	Skin	
508703490	SRS047708	SRR061278	Anterior nares	Skin	
508703490	SRS050184	SRR061491	Posterior fornix	Vagina	HPV62 (1)
508703490	SRS050184	SRR061489	Posterior fornix	Vagina	HPV62 (6)
508703490	SRS053335	SRR061158	Gut	Gut	
508703490	SRS053335	SRR061151	Gut	Gut	
508703490	SRS053630	SRR061355	Supragingival plaque	Mouth	
508703490	SRS053630	SRR061346	Supragingival plaque	Mouth	
508703490	SRS053854	SRR061493	Tongue dorsum	Mouth	
508703490	SRS053854	SRR061487	Tongue dorsum	Mouth	
508703490	SRS058186	SRR063525	Buccal mucosa	Mouth	

508703490	SRS058186	SRR063514	Buccal mucosa	Mouth	
550534656	SRS043001	SRR061556	Gut	Gut	
550534656	SRS043001	SRR061555	Gut	Gut	
550534656	SRS044366	SRR063528	Supragingival plaque	Mouth	
550534656	SRS044366	SRR063527	Supragingival plaque	Mouth	HPV1 (1)
550534656	SRS044373	SRR061554	Tongue dorsum	Mouth	
550534656	SRS044373	SRR061553	Tongue dorsum	Mouth	
550534656	SRS050007	SRR063477	Buccal mucosa	Mouth	
550534656	SRS050007	SRR063475	Buccal mucosa	Mouth	
550534656	SRS056906	SRR062486	Anterior nares	Skin	HPV96 (5)
550534656	SRS056906	SRR062439	Anterior nares	Skin	HPV96 (4)
550534656	SRS057807	SRR061561	Posterior fornix	Vagina	
550534656	SRS057807	SRR061559	Posterior fornix	Vagina	
604812005	SRS043646	SRR063710	Buccal mucosa	Mouth	HPV32 (244)
604812005	SRS045004	SRR060152	Gut	Gut	
604812005	SRS045127	SRR060154	Tongue dorsum	Mouth	HPV32 (30)
604812005	SRS045645	SRR063906	Gut	Gut	
604812005	SRS045645	SRR060044	Gut	Gut	
604812005	SRS045645	SRR063905	Gut	Gut	
604812005	SRS046623	SRR060155	Buccal mucosa	Mouth	HPV107 (1),HPV32 (15)
604812005	SRS049268	SRR060156	Supragingival plaque	Mouth	
604812005	SRS055426	SRR063692	Tongue dorsum	Mouth	HPV32 (44)
604812005	SRS055426	SRR063675	Tongue dorsum	Mouth	HPV32 (49),HPV5 (1)
604812005	SRS058053	SRR063708	Supragingival plaque	Mouth	HPV32 (1)
638754422	SRS022137	SRR059953	Gut	Gut	
638754422	SRS022137	SRR059952	Gut	Gut	
638754422	SRS022143	SRR059955	Tongue dorsum	Mouth	
638754422	SRS022143	SRR059954	Tongue dorsum	Mouth	
638754422	SRS022145	SRR060031	Buccal mucosa	Mouth	
638754422	SRS022145	SRR060030	Buccal mucosa	Mouth	
638754422	SRS022149	SRR059957	Supragingival plaque	Mouth	
638754422	SRS022149	SRR059956	Supragingival plaque	Mouth	
638754422	SRS022158	SRR059963	Posterior fornix	Vagina	HPV18 (15),HPV34 (21),HPV39 (5),HPV56 (11),N (2)
638754422	SRS022158	SRR059962	Posterior fornix	Vagina	HPV18 (23),HPV34 (31),HPV39 (7),HPV56 (7),HPV90 (1),N (1)
638754422	SRS042984	SRR059995	Supragingival plaque	Mouth	
638754422	SRS042984	SRR059994	Supragingival plaque	Mouth	
638754422	SRS048536	SRR064532	Posterior fornix	Vagina	HPV103 (29),HPV106 (1),HPV18 (833),HPV34 (2396),HPV39 (39),HPV51 (12),HPV56 (78),HPV6 (6),HPV73 (6),HPV74 (1),HPV90 (10),N (20)

638754422	SRS048536	SRR061732	Posterior fornix	Vagina	HPV18 (2),HPV34 (10)
638754422	SRS048536	SRR061733	Posterior fornix	Vagina	HPV18 (4),HPV34 (13)
638754422	SRS048791	SRR060082	Tongue dorsum	Mouth	
638754422	SRS048791	SRR060081	Tongue dorsum	Mouth	
638754422	SRS051116	SRR060084	Buccal mucosa	Mouth	
638754422	SRS051116	SRR060083	Buccal mucosa	Mouth	
638754422	SRS055982	SRR061731	Gut	Gut	
638754422	SRS055982	SRR059992	Gut	Gut	HPV47 (2)
638754422	SRS055982	SRR059993	Gut	Gut	HPV47 (1)
638754422	SRS055982	SRR061730	Gut	Gut	
675950834	SRS043239	SRR061414	Buccal mucosa	Mouth	
675950834	SRS043239	SRR061412	Buccal mucosa	Mouth	
675950834	SRS050244	SRR061584	Tongue dorsum	Mouth	
675950834	SRS050244	SRR061575	Tongue dorsum	Mouth	
675950834	SRS053398	SRR061586	Gut	Gut	HPV18 (1)
675950834	SRS053398	SRR061581	Gut	Gut	HPV18 (1)
675950834	SRS055401	SRR061597	Supragingival plaque	Mouth	
675950834	SRS055401	SRR061579	Supragingival plaque	Mouth	
675950834	SRS056796	SRR062521	Posterior fornix	Vagina	
675950834	SRS056796	SRR061186	Posterior fornix	Vagina	
686765762	SRS042457	SRR066381	Buccal mucosa	Mouth	
686765762	SRS042457	SRR066380	Buccal mucosa	Mouth	
686765762	SRS043663	SRR066419	Tongue dorsum	Mouth	
686765762	SRS045313	SRR063789	Supragingival plaque	Mouth	
686765762	SRS045313	SRR063747	Supragingival plaque	Mouth	
686765762	SRS049900	SRR066421	Gut	Gut	
686765762	SRS062761	SRR066417	Tongue dorsum	Mouth	
686765762	SRS064219	SRR063788	Supragingival plaque	Mouth	
686765762	SRS064219	SRR063748	Supragingival plaque	Mouth	
686765762	SRS064645	SRR066418	Gut	Gut	
686765762	SRS064645	SRR063897	Gut	Gut	
686765762	SRS064645	SRR063898	Gut	Gut	
686765762	SRS065133	SRR066420	Buccal mucosa	Mouth	
706846339	SRS042428	SRR061591	Posterior fornix	Vagina	
706846339	SRS042428	SRR061578	Posterior fornix	Vagina	
706846339	SRS045262	SRR061400	Buccal mucosa	Mouth	
706846339	SRS045262	SRR061396	Buccal mucosa	Mouth	
706846339	SRS051941	SRR061582	Supragingival plaque	Mouth	
706846339	SRS051941	SRR061571	Supragingival plaque	Mouth	
706846339	SRS052697	SRR061284	Gut	Gut	

706846339	SRS052697	SRR061280	Gut	Gut	
706846339	SRS054687	SRR061588	Tongue dorsum	Mouth	
706846339	SRS054687	SRR061587	Tongue dorsum	Mouth	
706846339	SRS058213	SRR061418	Anterior nares	Skin	HPV124 (1),HPV146 (2)
706846339	SRS058213	SRR061409	Anterior nares	Skin	HPV124 (1),HPV146 (2)
737052003	SRS047824	SRR061492	Tongue dorsum	Mouth	
737052003	SRS047824	SRR061490	Tongue dorsum	Mouth	
737052003	SRS052590	SRR061506	Anterior nares	Skin	
737052003	SRS052876	SRR062496	Supragingival plaque	Mouth	
737052003	SRS052876	SRR062295	Supragingival plaque	Mouth	
737052003	SRS054956	SRR061574	Gut	Gut	
737052003	SRS054956	SRR061570	Gut	Gut	
737052003	SRS055118	SRR061429	Buccal mucosa	Mouth	
737052003	SRS055118	SRR061425	Buccal mucosa	Mouth	
737052003	SRS056695	SRR063493	Posterior fornix	Vagina	
737052003	SRS056695	SRR063489	Posterior fornix	Vagina	
763435843	SRS013876	SRR063526	Anterior nares	Skin	
763435843	SRS013876	SRR063524	Anterior nares	Skin	
763435843	SRS013879	SRR062507	Tongue dorsum	Mouth	
763435843	SRS013879	SRR062502	Tongue dorsum	Mouth	
763435843	SRS013881	SRR061298	Buccal mucosa	Mouth	
763435843	SRS013881	SRR061287	Buccal mucosa	Mouth	
763435843	SRS014107	SRR062424	Subgingival plaque	Mouth	
763435843	SRS014107	SRR062421	Subgingival plaque	Mouth	
763435843	SRS015793	SRR061328	Anterior nares	Skin	
763435843	SRS015793	SRR061323	Anterior nares	Skin	
763435843	SRS015794	SRR063555	Gut	Gut	
763435843	SRS015794	SRR061185	Gut	Gut	
763435843	SRS015794	SRR061195	Gut	Gut	
763435843	SRS015794	SRR063540	Gut	Gut	
763435843	SRS015794	SRR063542	Gut	Gut	
763435843	SRS015794	SRR063551	Gut	Gut	
763435843	SRS015794	SRR063553	Gut	Gut	
763435843	SRS015794	SRR063554	Gut	Gut	
763435843	SRS015797	SRR062520	Tongue dorsum	Mouth	
763435843	SRS015797	SRR061276	Tongue dorsum	Mouth	
763435843	SRS015799	SRR061538	Buccal mucosa	Mouth	
763435843	SRS015799	SRR061537	Buccal mucosa	Mouth	
763435843	SRS015803	SRR061389	Supragingival plaque	Mouth	
763435843	SRS015803	SRR061312	Supragingival plaque	Mouth	
763496533	SRS013942	SRR062441	Saliva	Mouth	

763496533	SRS013942	SRR062435	Saliva	Mouth	
763496533	SRS013945	SRR062342	Buccal mucosa	Mouth	
763496533	SRS013945	SRR061338	Buccal mucosa	Mouth	
763496533	SRS013945	SRR061357	Buccal mucosa	Mouth	
763496533	SRS013946	SRR062361	Attached/Keratini zed gingiva	Mouth	
763496533	SRS013946	SRR062352	Attached/Keratini zed gingiva	Mouth	
763496533	SRS013947	SRR062463	Palatine Tonsils	Mouth	
763496533	SRS013947	SRR062411	Palatine Tonsils	Mouth	
763496533	SRS013948	SRR062416	Throat	Mouth	
763496533	SRS013948	SRR062392	Throat	Mouth	
763496533	SRS013949	SRR061319	Supragingival plaque	Mouth	
763496533	SRS013949	SRR061311	Supragingival plaque	Mouth	
763496533	SRS013950	SRR062343	Subgingival plaque	Mouth	
763496533	SRS013950	SRR062299	Subgingival plaque	Mouth	
763496533	SRS013950	SRR062303	Subgingival plaque	Mouth	
763496533	SRS013950	SRR062339	Subgingival plaque	Mouth	
763496533	SRS013951	SRR062323	Gut	Gut	
763496533	SRS013951	SRR061137	Gut	Gut	
763496533	SRS013956	SRR061310	Anterior nares	Skin	HPV4 (1)
763496533	SRS013956	SRR061303	Anterior nares	Skin	HPV4 (1)
763496533	SRS019116	SRR061423	R_Retroauricular crease	Skin	HPV4 (2)
763496533	SRS019116	SRR061401	R_Retroauricular crease	Skin	
763496533	SRS019119	SRR062449	Anterior nares	Skin	
763496533	SRS019119	SRR062358	Anterior nares	Skin	
763496533	SRS019120	SRR062462	Saliva	Mouth	
763496533	SRS019120	SRR062415	Saliva	Mouth	
763496533	SRS019122	SRR061300	Tongue dorsum	Mouth	
763496533	SRS019122	SRR061295	Tongue dorsum	Mouth	
763496533	SRS019124	SRR061148	Buccal mucosa	Mouth	
763496533	SRS019124	SRR061142	Buccal mucosa	Mouth	
763496533	SRS019125	SRR062294	Attached/Keratini zed gingiva	Mouth	
763496533	SRS019125	SRR062277	Attached/Keratini zed gingiva	Mouth	
763496533	SRS019126	SRR062469	Palatine Tonsils	Mouth	
763496533	SRS019126	SRR062468	Palatine Tonsils	Mouth	
763496533	SRS019127	SRR062420	Throat	Mouth	
763496533	SRS019127	SRR062391	Throat	Mouth	
763496533	SRS019128	SRR061314	Supragingival plaque	Mouth	
763496533	SRS019128	SRR061313	Supragingival plaque	Mouth	

763496533	SRS019129	SRR062478	Subgingival plaque	Mouth	HPV24 (1)
763496533	SRS019129	SRR062477	Subgingival plaque	Mouth	
763496533	SRS019161	SRR062324	Gut	Gut	
763496533	SRS019161	SRR061139	Gut	Gut	
763536994	SRS014271	SRR062433	Tongue dorsum	Mouth	
763536994	SRS014271	SRR062419	Tongue dorsum	Mouth	
763536994	SRS014287	SRR062388	Gut	Gut	
763536994	SRS014287	SRR062386	Gut	Gut	
763536994	SRS047219	SRR062456	Tongue dorsum	Mouth	
763536994	SRS047219	SRR062380	Tongue dorsum	Mouth	
763536994	SRS050422	SRR061486	Gut	Gut	
763536994	SRS050422	SRR061484	Gut	Gut	HPV47 (3)
763536994	SRS062427	SRR062423	Gut	Gut	
763536994	SRS062427	SRR062395	Gut	Gut	
763536994	SRS062544	SRR062398	Tongue dorsum	Mouth	
763536994	SRS062544	SRR062347	Tongue dorsum	Mouth	
763536994	SRS063287	SRR062431	Buccal mucosa	Mouth	
763536994	SRS063287	SRR062429	Buccal mucosa	Mouth	
763536994	SRS064493	SRR062410	Supragingival plaque	Mouth	
763536994	SRS064493	SRR062400	Supragingival plaque	Mouth	
763577454	SRS014459	SRR062321	Gut	Gut	
763577454	SRS014459	SRR061138	Gut	Gut	
763577454	SRS014464	SRR061407	Anterior nares	Skin	
763577454	SRS014464	SRR061386	Anterior nares	Skin	
763577454	SRS014465	SRR062473	Vagina introitus	Vagina	HPV90 (3)
763577454	SRS014465	SRR062470	Vagina introitus	Vagina	HPV90 (2)
763577454	SRS014466	SRR062357	Mid Vagina	Vagina	HPV90 (1)
763577454	SRS014466	SRR062353	Mid Vagina	Vagina	HPV45 (2),HPV90 (5)
763577454	SRS014468	SRR062413	Saliva	Mouth	
763577454	SRS014468	SRR062389	Saliva	Mouth	
763577454	SRS014470	SRR062308	Tongue dorsum	Mouth	
763577454	SRS014470	SRR062306	Tongue dorsum	Mouth	
763577454	SRS014472	SRR061411	Buccal mucosa	Mouth	
763577454	SRS014472	SRR061388	Buccal mucosa	Mouth	
763577454	SRS014473	SRR062432	Attached/Keratini zed gingiva	Mouth	
763577454	SRS014473	SRR062379	Attached/Keratini zed gingiva	Mouth	
763577454	SRS014474	SRR062472	Palatine Tonsils	Mouth	
763577454	SRS014474	SRR062471	Palatine Tonsils	Mouth	
763577454	SRS014475	SRR062367	Throat	Mouth	
763577454	SRS014475	SRR062366	Throat	Mouth	
763577454	SRS014476	SRR061452	Supragingival plaque	Mouth	

763577454	SRS014476	SRR061436	Supragingival plaque	Mouth	
763577454	SRS014477	SRR062403	Subgingival plaque	Mouth	
763577454	SRS014477	SRR062351	Subgingival plaque	Mouth	
763577454	SRS014494	SRR061180	Posterior fornix	Vagina	HPV45 (1),HPV90 (5)
763577454	SRS014494	SRR061179	Posterior fornix	Vagina	HPV90 (11)
763577454	SRS015055	SRR062372	Saliva	Mouth	
763577454	SRS015055	SRR062371	Saliva	Mouth	
763577454	SRS015057	SRR062283	Tongue dorsum	Mouth	
763577454	SRS015057	SRR062282	Tongue dorsum	Mouth	
763577454	SRS015059	SRR061467	Buccal mucosa	Mouth	
763577454	SRS015059	SRR061464	Buccal mucosa	Mouth	
763577454	SRS015060	SRR062334	Attached/Keratini zed gingiva	Mouth	
763577454	SRS015060	SRR062331	Attached/Keratini zed gingiva	Mouth	
763577454	SRS015061	SRR062414	Palatine Tonsils	Mouth	
763577454	SRS015061	SRR062387	Palatine Tonsils	Mouth	
763577454	SRS015062	SRR062393	Throat	Mouth	
763577454	SRS015062	SRR062368	Throat	Mouth	
763577454	SRS015063	SRR061367	Supragingival plaque	Mouth	
763577454	SRS015063	SRR061365	Supragingival plaque	Mouth	
763577454	SRS015064	SRR062333	Subgingival plaque	Mouth	
763577454	SRS015064	SRR062332	Subgingival plaque	Mouth	
763577454	SRS015065	SRR062320	Gut	Gut	
763577454	SRS015065	SRR061136	Gut	Gut	
763577454	SRS015071	SRR062370	Vagina introitus	Vagina	HPV90 (6)
763577454	SRS015071	SRR062369	Vagina introitus	Vagina	HPV90 (13)
763577454	SRS015072	SRR062301	Mid Vagina	Vagina	
763577454	SRS015072	SRR062276	Mid Vagina	Vagina	
763577454	SRS015073	SRR061272	Posterior fornix	Vagina	HPV90 (7)
763577454	SRS015073	SRR061201	Posterior fornix	Vagina	HPV90 (9)
763597684	SRS019582	SRR062457	Gut	Gut	
763597684	SRS019582	SRR062375	Gut	Gut	
763678604	SRS014235	SRR061558	Gut	Gut	HPV47 (2)
763678604	SRS014235	SRR061557	Gut	Gut	
763678604	SRS019685	SRR061507	Gut	Gut	HPV47 (2)
763678604	SRS019685	SRR061499	Gut	Gut	
763759525	SRS015154	SRR061227	Buccal mucosa	Mouth	
763759525	SRS015154	SRR061223	Buccal mucosa	Mouth	
763759525	SRS015158	SRR062529	Supragingival plaque	Mouth	
763759525	SRS015158	SRR061232	Supragingival plaque	Mouth	

763759525	SRS015168	SRR062534	Posterior fornix	Vagina	
763759525	SRS015168	SRR062532	Posterior fornix	Vagina	
763759525	SRS015174	SRR061473	Tongue dorsum	Mouth	
763759525	SRS015174	SRR061245	Tongue dorsum	Mouth	
763759525	SRS015174	SRR061259	Tongue dorsum	Mouth	
763759525	SRS015190	SRR061147	Gut	Gut	
763759525	SRS015190	SRR061143	Gut	Gut	
763759525	SRS043018	SRR061253	Supragingival plaque	Mouth	HPV19 (1)
763759525	SRS043018	SRR061251	Supragingival plaque	Mouth	
763759525	SRS043411	SRR061190	Gut	Gut	
763759525	SRS043411	SRR061188	Gut	Gut	
763759525	SRS044742	SRR061207	Posterior fornix	Vagina	HPV101 (2)
763759525	SRS044742	SRR061206	Posterior fornix	Vagina	HPV101 (1)
763759525	SRS045978	SRR063463	Buccal mucosa	Mouth	
763759525	SRS045978	SRR063462	Buccal mucosa	Mouth	
763759525	SRS047210	SRR061359	Tongue dorsum	Mouth	
763759525	SRS047210	SRR061324	Tongue dorsum	Mouth	
763759525	SRS056210	SRR061271	Anterior nares	Skin	
763759525	SRS056210	SRR061203	Anterior nares	Skin	HPV19 (2)
763820215	SRS014124	SRR061449	Tongue dorsum	Mouth	
763820215	SRS014124	SRR061448	Tongue dorsum	Mouth	
763820215	SRS014126	SRR061390	Buccal mucosa	Mouth	
763820215	SRS014126	SRR061349	Buccal mucosa	Mouth	
763820215	SRS014313	SRR063469	Gut	Gut	HPV28 (1)
763820215	SRS014313	SRR063468	Gut	Gut	
763820215	SRS014343	SRR062365	Posterior fornix	Vagina	HPV131 (2),HPV134 (2),HPV52 (577),HPV89 (10),N (14)
763820215	SRS014343	SRR062364	Posterior fornix	Vagina	HPV52 (552),HPV89 (20),N (15)
763820215	SRS042910	SRR061447	Tongue dorsum	Mouth	
763820215	SRS042910	SRR061445	Tongue dorsum	Mouth	
763820215	SRS043676	SRR061385	Buccal mucosa	Mouth	
763820215	SRS043676	SRR061374	Buccal mucosa	Mouth	
763820215	SRS051378	SRR062491	Supragingival plaque	Mouth	
763820215	SRS051378	SRR062490	Supragingival plaque	Mouth	
763820215	SRS054962	SRR061356	Posterior fornix	Vagina	HPV118 (2),HPV89 (2),N (1)
763820215	SRS054962	SRR061345	Posterior fornix	Vagina	HPV118 (3),HPV89 (3)
763820215	SRS058723	SRR063547	Gut	Gut	
763820215	SRS058723	SRR063470	Gut	Gut	
763820215	SRS058723	SRR063471	Gut	Gut	
763820215	SRS058723	SRR063543	Gut	Gut	
763820215	SRS058723	SRR063544	Gut	Gut	
763820215	SRS058723	SRR063545	Gut	Gut	
763840445	SRS014573	SRR062360	Tongue dorsum	Mouth	

763840445	SRS014573	SRR062349	Tongue dorsum	Mouth	
763840445	SRS014575	SRR061408	Buccal mucosa	Mouth	
763840445	SRS014575	SRR061379	Buccal mucosa	Mouth	
763840445	SRS014578	SRR061320	Supragingival plaque	Mouth	
763840445	SRS014578	SRR061282	Supragingival plaque	Mouth	
763840445	SRS014613	SRR061229	Gut	Gut	
763840445	SRS014613	SRR061226	Gut	Gut	
763840445	SRS014629	SRR061246	Posterior fornix	Vagina	
763840445	SRS014629	SRR061196	Posterior fornix	Vagina	
763840445	SRS062713	SRR063465	Anterior nares	Skin	HPV109 (1)
763840445	SRS062713	SRR063464	Anterior nares	Skin	HPV126 (2),HPV19 (1),HPV36 (2)
763840445	SRS063193	SRR061318	Tongue dorsum	Mouth	N (1)
763840445	SRS063193	SRR061315	Tongue dorsum	Mouth	
763840445	SRS063417	SRR062531	Posterior fornix	Vagina	
763840445	SRS063417	SRR061189	Posterior fornix	Vagina	
763840445	SRS063478	SRR063479	Buccal mucosa	Mouth	
763840445	SRS063478	SRR063478	Buccal mucosa	Mouth	HPV36 (1),HPV80 (1)
763840445	SRS063999	SRR061316	Supragingival plaque	Mouth	
763840445	SRS063999	SRR061286	Supragingival plaque	Mouth	
763840445	SRS064276	SRR061199	Gut	Gut	
763840445	SRS064276	SRR061181	Gut	Gut	
763860675	SRS014888	SRR063497	Tongue dorsum	Mouth	
763860675	SRS014888	SRR063496	Tongue dorsum	Mouth	
763860675	SRS014890	SRR061479	Buccal mucosa	Mouth	
763860675	SRS014890	SRR061468	Buccal mucosa	Mouth	
763860675	SRS014894	SRR061335	Supragingival plaque	Mouth	
763860675	SRS014894	SRR061333	Supragingival plaque	Mouth	
763860675	SRS014901	SRR061391	Anterior nares	Skin	HPV146 (1)
763860675	SRS014901	SRR061370	Anterior nares	Skin	HPV146 (1),HPV50 (1),N (1)
763860675	SRS014923	SRR061368	Gut	Gut	
763860675	SRS014923	SRR061326	Gut	Gut	
763860675	SRS050925	SRR061443	Gut	Gut	
763860675	SRS050925	SRR061442	Gut	Gut	
763860675	SRS055378	SRR061455	Supragingival plaque	Mouth	
763860675	SRS055378	SRR061453	Supragingival plaque	Mouth	
763860675	SRS057355	SRR062329	Tongue dorsum	Mouth	
763860675	SRS057355	SRR062328	Tongue dorsum	Mouth	
763901136	SRS015038	SRR063461	Tongue dorsum	Mouth	
763901136	SRS015038	SRR063460	Tongue dorsum	Mouth	
763901136	SRS015040	SRR062525	Buccal mucosa	Mouth	

763901136	SRS015040	SRR061194	Buccal mucosa	Mouth	
763901136	SRS015044	SRR063532	Supragingival plaque	Mouth	
763901136	SRS015044	SRR063520	Supragingival plaque	Mouth	
763901136	SRS015051	SRR062516	Anterior nares	Skin	HPV101 (1),HPV112 (3),HPV119 (1),HPV144 (3),HPV149 (7),HPV155 (1),HPV156 (5),HPV17 (9),HPV50 (127),N (10)
763901136	SRS015051	SRR061329	Anterior nares	Skin	HPV112 (3),HPV119 (1),HPV144 (6),HPV149 (7),HPV155 (2),HPV156 (4),HPV17 (5),HPV50 (119),N (14)
763901136	SRS015051	SRR061360	Anterior nares	Skin	HPV112 (2),HPV119 (2),HPV144 (1),HPV149 (3),HPV155 (1),HPV156 (2),HPV17 (7),HPV50 (113),N (8)
763901136	SRS015054	SRR063487	Posterior fornix	Vagina	
763901136	SRS015054	SRR063486	Posterior fornix	Vagina	
763901136	SRS015133	SRR061204	Gut	Gut	
763901136	SRS015133	SRR061182	Gut	Gut	
763901136	SRS063603	SRR062512	Supragingival plaque	Mouth	
763901136	SRS063603	SRR062508	Supragingival plaque	Mouth	
763901136	SRS063985	SRR062467	Gut	Gut	HPV47 (4)
763901136	SRS063985	SRR062466	Gut	Gut	HPV47 (2)
763901136	SRS064423	SRR061457	Tongue dorsum	Mouth	
763901136	SRS064423	SRR061440	Tongue dorsum	Mouth	
763901136	SRS064809	SRR062399	Buccal mucosa	Mouth	
763901136	SRS064809	SRR062344	Buccal mucosa	Mouth	
763901136	SRS065278	SRR062475	Tongue dorsum	Mouth	
763901136	SRS065278	SRR062474	Tongue dorsum	Mouth	
763901136	SRS065347	SRR062340	Posterior fornix	Vagina	
763901136	SRS065347	SRR062335	Posterior fornix	Vagina	
763961826	SRS014682	SRR061410	Anterior nares	Skin	HPV124 (2)
763961826	SRS014682	SRR061375	Anterior nares	Skin	HPV14 (1)
763961826	SRS014683	SRR061135	Gut	Gut	
763961826	SRS014683	SRR061044	Gut	Gut	
763961826	SRS014684	SRR061258	Tongue dorsum	Mouth	
763961826	SRS014684	SRR061244	Tongue dorsum	Mouth	
763961826	SRS014686	SRR062422	Buccal mucosa	Mouth	
763961826	SRS014686	SRR062401	Buccal mucosa	Mouth	
763961826	SRS014687	SRR062509	Attached/Keratini zed gingiva	Mouth	
763961826	SRS014687	SRR062500	Attached/Keratini zed gingiva	Mouth	
763961826	SRS014689	SRR062405	Throat	Mouth	
763961826	SRS014689	SRR062394	Throat	Mouth	
763961826	SRS014690	SRR062409	Supragingival plaque	Mouth	

763961826	SRS014690	SRR062354	Supragingival plaque	Mouth	
763961826	SRS014691	SRR062511	Subgingival plaque	Mouth	N (1)
763961826	SRS014691	SRR062501	Subgingival plaque	Mouth	
763961826	SRS014692	SRR062402	Saliva	Mouth	
763961826	SRS014692	SRR062396	Saliva	Mouth	
763961826	SRS019015	SRR062412	L_Retroauricular crease	Skin	HPV104 (2),HPV111 (1),HPV124 (5),HPV75 (737),HPV76 (31),HPV8 (1),HPV92 (25),HPV9 (1),N (1)
763961826	SRS019015	SRR062408	L_Retroauricular crease	Skin	HPV124 (5),HPV148 (1),HPV24 (1),HPV75 (677),HPV76 (29),HPV80 (2),HPV92 (31),N (1)
763961826	SRS019016	SRR061430	R_Retroauricular crease	Skin	HPV104 (1),HPV119 (1),HPV147 (1),HPV149 (1),HPV153 (1),HPV24 (1),HPV75 (2),HPV8 (3),HPV92 (1),N (4)
763961826	SRS019016	SRR061393	R_Retroauricular crease	Skin	HPV120 (1),HPV144 (1),HPV147 (1),HPV24 (1),HPV75 (3),N (2)
763961826	SRS019019	SRR061478	Anterior nares	Skin	HPV107 (1),HPV23 (2)
763961826	SRS019019	SRR061471	Anterior nares	Skin	HPV107 (1),HPV23 (4)
763961826	SRS019022	SRR061353	Tongue dorsum	Mouth	
763961826	SRS019022	SRR061341	Tongue dorsum	Mouth	
763961826	SRS019024	SRR061402	Buccal mucosa	Mouth	
763961826	SRS019024	SRR061344	Buccal mucosa	Mouth	
763961826	SRS019025	SRR062489	Attached/Keratini zed gingiva	Mouth	
763961826	SRS019025	SRR062481	Attached/Keratini zed gingiva	Mouth	
763961826	SRS019026	SRR062518	Palatine Tonsils	Mouth	
763961826	SRS019026	SRR062517	Palatine Tonsils	Mouth	
763961826	SRS019027	SRR062363	Throat	Mouth	HPV66 (1)
763961826	SRS019027	SRR062362	Throat	Mouth	
763961826	SRS019028	SRR062505	Supragingival plaque	Mouth	
763961826	SRS019028	SRR062498	Supragingival plaque	Mouth	
763961826	SRS019029	SRR062302	Subgingival plaque	Mouth	
763961826	SRS019029	SRR062298	Subgingival plaque	Mouth	
763961826	SRS019030	SRR063585	Gut	Gut	
763961826	SRS019030	SRR061140	Gut	Gut	
763961826	SRS019030	SRR062322	Gut	Gut	
763961826	SRS019030	SRR063559	Gut	Gut	
763961826	SRS019030	SRR063565	Gut	Gut	
763961826	SRS019030	SRR063566	Gut	Gut	
763961826	SRS019030	SRR063567	Gut	Gut	
763961826	SRS019030	SRR063568	Gut	Gut	
763961826	SRS019030	SRR063569	Gut	Gut	
763961826	SRS019030	SRR063572	Gut	Gut	

763961826	SRS019030	SRR063573	Gut	Gut	
763961826	SRS019030	SRR063574	Gut	Gut	
763961826	SRS019030	SRR063575	Gut	Gut	
763961826	SRS019030	SRR063577	Gut	Gut	
763961826	SRS019030	SRR063578	Gut	Gut	
763961826	SRS019030	SRR063580	Gut	Gut	
763961826	SRS019030	SRR063581	Gut	Gut	
763961826	SRS019030	SRR063582	Gut	Gut	
763961826	SRS019030	SRR063583	Gut	Gut	
763961826	SRS019030	SRR063584	Gut	Gut	
763961826	SRS019033	SRR062438	R_Retroauricular crease	Skin	HPV121 (1),HPV130 (1),HPV144 (2),HPV24 (2),HPV75 (2),HPV92 (1),N (2)
763961826	SRS019033	SRR062437	R_Retroauricular crease	Skin	HPV121 (1),HPV130 (1),HPV144 (2),HPV24 (2),HPV75 (1),N (2)
763961826	SRS019039	SRR062444	Anterior nares	Skin	
763961826	SRS019039	SRR062443	Anterior nares	Skin	
763961826	SRS019045	SRR062383	Tongue dorsum	Mouth	
763961826	SRS019045	SRR062374	Tongue dorsum	Mouth	HPV20 (1)
763982056	SRS015264	SRR063481	Gut	Gut	
763982056	SRS015264	SRR063480	Gut	Gut	
763982056	SRS015269	SRR061539	Anterior nares	Skin	
763982056	SRS015269	SRR061533	Anterior nares	Skin	
763982056	SRS015272	SRR061450	Tongue dorsum	Mouth	
763982056	SRS015272	SRR061435	Tongue dorsum	Mouth	
763982056	SRS015274	SRR063501	Buccal mucosa	Mouth	
763982056	SRS015274	SRR063499	Buccal mucosa	Mouth	
763982056	SRS015278	SRR061529	Supragingival plaque	Mouth	
763982056	SRS015278	SRR061528	Supragingival plaque	Mouth	
763982056	SRS043772	SRR062465	Supragingival plaque	Mouth	HPV146 (1),HPV153 (1)
763982056	SRS043772	SRR062464	Supragingival plaque	Mouth	HPV146 (1),HPV153 (1)
763982056	SRS044486	SRR061377	Tongue dorsum	Mouth	
763982056	SRS044486	SRR061327	Tongue dorsum	Mouth	
763982056	SRS047844	SRR061293	Anterior nares	Skin	
763982056	SRS047844	SRR061291	Anterior nares	Skin	
763982056	SRS050299	SRR062407	Gut	Gut	
763982056	SRS050299	SRR062406	Gut	Gut	
764002286	SRS015854	SRR061497	Gut	Gut	
764002286	SRS015854	SRR061496	Gut	Gut	
764042746	SRS015369	SRR063589	Gut	Gut	
764042746	SRS015369	SRR061235	Gut	Gut	
764042746	SRS015369	SRR061254	Gut	Gut	
764042746	SRS015369	SRR063556	Gut	Gut	
764042746	SRS015369	SRR063557	Gut	Gut	

764042746	SRS015369	SRR063558	Gut	Gut	
764042746	SRS015369	SRR063560	Gut	Gut	
764042746	SRS015369	SRR063561	Gut	Gut	
764042746	SRS015369	SRR063562	Gut	Gut	
764042746	SRS015369	SRR063563	Gut	Gut	
764042746	SRS015369	SRR063564	Gut	Gut	
764042746	SRS015369	SRR063570	Gut	Gut	
764042746	SRS015369	SRR063571	Gut	Gut	
764042746	SRS015369	SRR063576	Gut	Gut	
764042746	SRS015369	SRR063579	Gut	Gut	
764042746	SRS015369	SRR063586	Gut	Gut	
764042746	SRS015369	SRR063587	Gut	Gut	
764042746	SRS015369	SRR063588	Gut	Gut	
764042746	SRS015374	SRR061477	Buccal mucosa	Mouth	
764042746	SRS015374	SRR061476	Buccal mucosa	Mouth	
764042746	SRS015378	SRR061403	Supragingival plaque	Mouth	
764042746	SRS015378	SRR061380	Supragingival plaque	Mouth	HPV4 (1)
764042746	SRS015381	SRR061376	R_Retroauricular crease	Skin	HPV93 (4)
764042746	SRS015381	SRR061369	R_Retroauricular crease	Skin	HPV93 (5)
764042746	SRS015395	SRR061252	Tongue dorsum	Mouth	
764042746	SRS015395	SRR061225	Tongue dorsum	Mouth	
764042746	SRS015425	SRR061273	Posterior fornix	Vagina	HPV128 (1),HPV135 (3),HPV146 (1),HPV153 (1)
764042746	SRS015425	SRR061263	Posterior fornix	Vagina	HPV128 (1),HPV135 (2),HPV146 (3),HPV153 (1)
764042746	SRS062540	SRR061488	Tongue dorsum	Mouth	
764042746	SRS062540	SRR061485	Tongue dorsum	Mouth	
764042746	SRS062752	SRR061305	Vagina introitus	Vagina	
764042746	SRS062752	SRR061290	Vagina introitus	Vagina	
764042746	SRS063215	SRR061302	Subgingival plaque	Mouth	
764042746	SRS063215	SRR061294	Subgingival plaque	Mouth	
764042746	SRS063351	SRR061551	Palatine Tonsils	Mouth	
764042746	SRS063351	SRR061549	Palatine Tonsils	Mouth	
764042746	SRS064376	SRR061304	Posterior fornix	Vagina	
764042746	SRS064376	SRR061299	Posterior fornix	Vagina	
764042746	SRS064557	SRR062418	Gut	Gut	
764042746	SRS064557	SRR062417	Gut	Gut	
764042746	SRS065179	SRR062461	Anterior nares	Skin	
764042746	SRS065179	SRR062359	Anterior nares	Skin	
764042746	SRS065310	SRR062430	Supragingival plaque	Mouth	
764042746	SRS065310	SRR062381	Supragingival plaque	Mouth	
764062976	SRS014979	SRR061156	Gut	Gut	

764062976	SRS014979	SRR061149	Gut	Gut	
764062976	SRS062520	SRR061175	Posterior fornix	Vagina	
764062976	SRS062520	SRR061155	Posterior fornix	Vagina	
764062976	SRS063272	SRR061163	Buccal mucosa	Mouth	
764062976	SRS063272	SRR061162	Buccal mucosa	Mouth	
764062976	SRS064449	SRR061160	Supragingival plaque	Mouth	
764062976	SRS064449	SRR061159	Supragingival plaque	Mouth	
764062976	SRS064774	SRR061500	Tongue dorsum	Mouth	
764062976	SRS064774	SRR061498	Tongue dorsum	Mouth	
764062976	SRS065142	SRR061530	Anterior nares	Skin	
764062976	SRS065142	SRR061512	Anterior nares	Skin	
764062976	SRS065504	SRR061167	Gut	Gut	
764062976	SRS065504	SRR061152	Gut	Gut	
764083206	SRS015430	SRR061378	Anterior nares	Skin	HPV127 (1),HPV149 (3),N (6)
764083206	SRS015430	SRR061373	Anterior nares	Skin	HPV131 (1),HPV148 (2),N (2)
764083206	SRS015431	SRR061132	Gut	Gut	
764083206	SRS015431	SRR041658	Gut	Gut	
764083206	SRS015431	SRR041659	Gut	Gut	
764083206	SRS015431	SRR041660	Gut	Gut	
764083206	SRS015431	SRR041661	Gut	Gut	
764083206	SRS015431	SRR061119	Gut	Gut	
764083206	SRS015431	SRR061120	Gut	Gut	
764083206	SRS015431	SRR061121	Gut	Gut	
764083206	SRS015431	SRR061127	Gut	Gut	
764083206	SRS015434	SRR061228	Tongue dorsum	Mouth	
764083206	SRS015434	SRR061224	Tongue dorsum	Mouth	HPV32 (3)
764083206	SRS015436	SRR061428	Buccal mucosa	Mouth	HPV32 (1)
764083206	SRS015436	SRR061424	Buccal mucosa	Mouth	
764083206	SRS015440	SRR061354	Supragingival plaque	Mouth	
764083206	SRS015440	SRR061325	Supragingival plaque	Mouth	
764083206	SRS015450	SRR062515	Anterior nares	Skin	HPV127 (2),HPV132 (1),HPV141 (1),HPV148 (1),N (6)
764083206	SRS015450	SRR062506	Anterior nares	Skin	HPV127 (1),HPV144 (1),N (4)
764083206	SRS015470	SRR062384	Supragingival plaque	Mouth	
764083206	SRS015470	SRR062356	Supragingival plaque	Mouth	
764083206	SRS019063	SRR062397	L_Retroauricular crease	Skin	HPV124 (1),HPV126 (2)
764083206	SRS019063	SRR062345	L_Retroauricular crease	Skin	
764083206	SRS019064	SRR061405	R_Retroauricular crease	Skin	HPV126 (1),HPV14 (1)
764083206	SRS019064	SRR061398	R_Retroauricular crease	Skin	HPV126 (1)
764083206	SRS019067	SRR061394	Anterior nares	Skin	HPV10 (1),HPV148 (1),HPV149 (8),N (1)

764083206	SRS019067	SRR061332	Anterior nares	Skin	HPV112 (1),HPV115 (1),HPV147 (1),HPV149 (6),N (1)
764083206	SRS019068	SRR063552	Gut	Gut	
764083206	SRS019068	SRR041662	Gut	Gut	
764083206	SRS019068	SRR042182	Gut	Gut	
764083206	SRS019068	SRR042183	Gut	Gut	
764083206	SRS019068	SRR042491	Gut	Gut	
764083206	SRS019068	SRR061123	Gut	Gut	
764083206	SRS019068	SRR061124	Gut	Gut	
764083206	SRS019068	SRR061125	Gut	Gut	
764083206	SRS019068	SRR061131	Gut	Gut	
764083206	SRS019068	SRR061133	Gut	Gut	
764083206	SRS019068	SRR063541	Gut	Gut	
764083206	SRS019068	SRR063546	Gut	Gut	
764083206	SRS019068	SRR063550	Gut	Gut	
764083206	SRS019071	SRR062527	Tongue dorsum	Mouth	
764083206	SRS019071	SRR061237	Tongue dorsum	Mouth	
764083206	SRS019073	SRR061397	Buccal mucosa	Mouth	
764083206	SRS019073	SRR061371	Buccal mucosa	Mouth	
764083206	SRS019077	SRR061416	Supragingival plaque	Mouth	
764083206	SRS019077	SRR061337	Supragingival plaque	Mouth	
764083206	SRS019081	SRR062492	R_Retroauricular crease	Skin	HPV126 (1)
764083206	SRS019081	SRR062442	R_Retroauricular crease	Skin	HPV126 (1)
764083206	SRS019087	SRR062440	Anterior nares	Skin	HPV149 (6)
764083206	SRS019087	SRR062436	Anterior nares	Skin	HPV149 (5)
764143897	SRS015209	SRR061550	Tongue dorsum	Mouth	
764143897	SRS015209	SRR061548	Tongue dorsum	Mouth	
764143897	SRS015215	SRR063530	Supragingival plaque	Mouth	
764143897	SRS015215	SRR063522	Supragingival plaque	Mouth	
764143897	SRS015217	SRR061334	Gut	Gut	
764143897	SRS015217	SRR061331	Gut	Gut	
764143897	SRS015225	SRR061308	Posterior fornix	Vagina	
764143897	SRS015225	SRR061297	Posterior fornix	Vagina	
764143897	SRS047335	SRR061296	Posterior fornix	Vagina	
764143897	SRS047335	SRR061285	Posterior fornix	Vagina	
764143897	SRS050484	SRR063533	Anterior nares	Skin	HPV110 (2),HPV76 (1)
764143897	SRS050484	SRR063531	Anterior nares	Skin	HPV110 (2)
764143897	SRS051882	SRR063549	Gut	Gut	
764143897	SRS051882	SRR062348	Gut	Gut	
764143897	SRS051882	SRR062382	Gut	Gut	
764143897	SRS051882	SRR063538	Gut	Gut	
764143897	SRS051882	SRR063539	Gut	Gut	

764143897	SRS051882	SRR063548	Gut	Gut	
764143897	SRS051930	SRR061216	Supragingival plaque	Mouth	
764143897	SRS051930	SRR061192	Supragingival plaque	Mouth	
764143897	SRS056622	SRR061289	Tongue dorsum	Mouth	
764143897	SRS056622	SRR061281	Tongue dorsum	Mouth	
764143897	SRS056892	SRR061238	Buccal mucosa	Mouth	HPV144 (39)
764143897	SRS056892	SRR061193	Buccal mucosa	Mouth	HPV144 (43)
764184357	SRS048870	SRR062427	Gut	Gut	
764184357	SRS048870	SRR062376	Gut	Gut	
764224817	SRS015745	SRR061460	Buccal mucosa	Mouth	
764224817	SRS015745	SRR061444	Buccal mucosa	Mouth	
764224817	SRS015752	SRR063491	Anterior nares	Skin	HPV17 (1),HPV4 (1)
764224817	SRS015752	SRR063490	Anterior nares	Skin	
764224817	SRS015755	SRR061522	Supragingival plaque	Mouth	
764224817	SRS015755	SRR061521	Supragingival plaque	Mouth	
764224817	SRS015762	SRR061243	Tongue dorsum	Mouth	
764224817	SRS015762	SRR061241	Tongue dorsum	Mouth	
764224817	SRS015782	SRR061208	Gut	Gut	
764224817	SRS015782	SRR061183	Gut	Gut	
764224817	SRS046688	SRR061469	R_Retroauricular crease	Skin	
764224817	SRS046688	SRR061466	R_Retroauricular crease	Skin	HPV38 (2)
764224817	SRS047044	SRR061438	Gut	Gut	
764224817	SRS047044	SRR061432	Gut	Gut	
764224817	SRS053584	SRR062495	Supragingival plaque	Mouth	
764224817	SRS053584	SRR062296	Supragingival plaque	Mouth	HPV38 (1)
764224817	SRS054776	SRR062453	Buccal mucosa	Mouth	
764224817	SRS054776	SRR062448	Buccal mucosa	Mouth	
764224817	SRS057205	SRR061502	Tongue dorsum	Mouth	
764224817	SRS057205	SRR061501	Tongue dorsum	Mouth	
764285508	SRS015537	SRR061451	Tongue dorsum	Mouth	
764285508	SRS015537	SRR061441	Tongue dorsum	Mouth	
764285508	SRS015540	SRR063485	Buccal mucosa	Mouth	
764285508	SRS015540	SRR063482	Buccal mucosa	Mouth	
764285508	SRS015574	SRR062528	Supragingival plaque	Mouth	
764285508	SRS015574	SRR062519	Supragingival plaque	Mouth	
764285508	SRS015578	SRR061231	Gut	Gut	
764285508	SRS015578	SRR061222	Gut	Gut	
764305738	SRS015890	SRR061134	Gut	Gut	
764305738	SRS015890	SRR038746	Gut	Gut	
764305738	SRS015890	SRR042027	Gut	Gut	

764305738	SRS015890	SRR042181	Gut	Gut	
764305738	SRS015890	SRR042184	Gut	Gut	
764305738	SRS015890	SRR061111	Gut	Gut	
764305738	SRS015890	SRR061112	Gut	Gut	
764305738	SRS015890	SRR061113	Gut	Gut	
764305738	SRS015890	SRR061114	Gut	Gut	
764305738	SRS015890	SRR061129	Gut	Gut	
764305738	SRS015893	SRR061339	Tongue dorsum	Mouth	
764305738	SRS015893	SRR061322	Tongue dorsum	Mouth	
764305738	SRS015895	SRR062292	Buccal mucosa	Mouth	
764305738	SRS015895	SRR062286	Buccal mucosa	Mouth	
764305738	SRS015899	SRR061363	Supragingival plaque	Mouth	
764305738	SRS015899	SRR061358	Supragingival plaque	Mouth	
764305738	SRS015921	SRR062459	Buccal mucosa	Mouth	
764305738	SRS015921	SRR062458	Buccal mucosa	Mouth	
764305738	SRS018969	SRR062503	Tongue dorsum	Mouth	
764305738	SRS018969	SRR062499	Tongue dorsum	Mouth	
764305738	SRS018971	SRR062314	Buccal mucosa	Mouth	
764305738	SRS018971	SRR062285	Buccal mucosa	Mouth	
764305738	SRS018975	SRR062425	Supragingival plaque	Mouth	
764305738	SRS018975	SRR062330	Supragingival plaque	Mouth	
764305738	SRS018978	SRR062514	R_Retroauricular crease	Skin	HPV151 (166),HPV22 (2)
764305738	SRS018978	SRR062513	R_Retroauricular crease	Skin	HPV148 (1),HPV151 (183),HPV22 (2),HPV36 (2)
764305738	SRS018981	SRR061470	Anterior nares	Skin	HPV36 (2)
764305738	SRS018981	SRR061465	Anterior nares	Skin	HPV36 (3)
764305738	SRS018984	SRR061130	Gut	Gut	
764305738	SRS018984	SRR041654	Gut	Gut	
764305738	SRS018984	SRR041655	Gut	Gut	
764305738	SRS018984	SRR041656	Gut	Gut	
764305738	SRS018984	SRR041657	Gut	Gut	
764305738	SRS018984	SRR061115	Gut	Gut	
764305738	SRS018984	SRR061117	Gut	Gut	
764305738	SRS018984	SRR061118	Gut	Gut	
764305738	SRS018984	SRR061128	Gut	Gut	
764325968	SRS015937	SRR061384	Anterior nares	Skin	HPV132 (1),HPV95 (1),N (1)
764325968	SRS015937	SRR061383	Anterior nares	Skin	HPV132 (1),N (2)
764325968	SRS015941	SRR061514	Tongue dorsum	Mouth	
764325968	SRS015941	SRR061509	Tongue dorsum	Mouth	
764325968	SRS015947	SRR061517	Supragingival plaque	Mouth	
764325968	SRS015947	SRR061511	Supragingival plaque	Mouth	HPV4 (1)

764325968	SRS015960	SRR062524	Gut	Gut	
764325968	SRS015960	SRR061255	Gut	Gut	
764325968	SRS044626	SRR061421	Anterior nares	Skin	
764325968	SRS044626	SRR061420	Anterior nares	Skin	
764325968	SRS048411	SRR061590	Tongue dorsum	Mouth	
764325968	SRS048411	SRR061585	Tongue dorsum	Mouth	
764325968	SRS049283	SRR063473	Buccal mucosa	Mouth	
764325968	SRS049283	SRR063472	Buccal mucosa	Mouth	
764325968	SRS055450	SRR062523	Supragingival plaque	Mouth	
764325968	SRS055450	SRR062522	Supragingival plaque	Mouth	
764325968	SRS056259	SRR062530	Gut	Gut	
764325968	SRS056259	SRR061236	Gut	Gut	
764447348	SRS015985	SRR061454	Buccal mucosa	Mouth	
764447348	SRS015985	SRR061437	Buccal mucosa	Mouth	
764447348	SRS015989	SRR061546	Supragingival plaque	Mouth	
764447348	SRS015989	SRR061542	Supragingival plaque	Mouth	
764447348	SRS015996	SRR061404	Anterior nares	Skin	HPV17 (3)
764447348	SRS015996	SRR061387	Anterior nares	Skin	HPV17 (3)
764447348	SRS016002	SRR061211	Tongue dorsum	Mouth	
764447348	SRS016002	SRR061202	Tongue dorsum	Mouth	
764447348	SRS016018	SRR061197	Gut	Gut	
764447348	SRS016018	SRR061191	Gut	Gut	
764447348	SRS042628	SRR061212	Gut	Gut	
764447348	SRS042628	SRR061184	Gut	Gut	
764447348	SRS047254	SRR061307	Anterior nares	Skin	
764447348	SRS047254	SRR061283	Anterior nares	Skin	
764447348	SRS057083	SRR061309	R_Retroauricular crease	Skin	HPV128 (1),HPV147 (8),HPV65 (1),HPV92 (13),N (6)
764447348	SRS058336	SRR061352	Tongue dorsum	Mouth	
764447348	SRS058336	SRR061342	Tongue dorsum	Mouth	
764487809	SRS015640	SRR062312	Anterior nares	Skin	HPV18 (1)
764487809	SRS015640	SRR062284	Anterior nares	Skin	HPV18 (2)
764487809	SRS015644	SRR062313	Tongue dorsum	Mouth	
764487809	SRS015644	SRR062309	Tongue dorsum	Mouth	
764487809	SRS015646	SRR061483	Buccal mucosa	Mouth	
764487809	SRS015646	SRR061472	Buccal mucosa	Mouth	
764487809	SRS015650	SRR063529	Supragingival plaque	Mouth	
764487809	SRS015650	SRR063512	Supragingival plaque	Mouth	
764487809	SRS015663	SRR061209	Gut	Gut	
764487809	SRS015663	SRR061205	Gut	Gut	
764487809	SRS042131	SRR062316	Tongue dorsum	Mouth	
764487809	SRS042131	SRR062310	Tongue dorsum	Mouth	

764487809	SRS047265	SRR062533	Supragingival plaque	Mouth	
764487809	SRS047265	SRR061217	Supragingival plaque	Mouth	
764487809	SRS049744	SRR062289	Anterior nares	Skin	
764487809	SRS049744	SRR062280	Anterior nares	Skin	HPV18 (1)
764487809	SRS051031	SRR061234	Gut	Gut	
764487809	SRS051031	SRR061218	Gut	Gut	
764487809	SRS058105	SRR062373	Buccal mucosa	Mouth	
764487809	SRS058105	SRR062325	Buccal mucosa	Mouth	
764508039	SRS016033	SRR061598	Anterior nares	Skin	HPV2 (5)
764508039	SRS016033	SRR061592	Anterior nares	Skin	HPV104 (1),HPV155 (1),HPV2 (8)
764508039	SRS016037	SRR061516	Tongue dorsum	Mouth	
764508039	SRS016037	SRR061515	Tongue dorsum	Mouth	
764508039	SRS016039	SRR061526	Buccal mucosa	Mouth	
764508039	SRS016039	SRR061523	Buccal mucosa	Mouth	
764508039	SRS016043	SRR061519	Supragingival plaque	Mouth	
764508039	SRS016043	SRR061518	Supragingival plaque	Mouth	
764508039	SRS016056	SRR061200	Gut	Gut	
764508039	SRS016056	SRR061198	Gut	Gut	
764588959	SRS016086	SRR061545	Tongue dorsum	Mouth	
764588959	SRS016086	SRR061540	Tongue dorsum	Mouth	
764588959	SRS016088	SRR061413	Buccal mucosa	Mouth	
764588959	SRS016088	SRR061395	Buccal mucosa	Mouth	
764588959	SRS016092	SRR061366	Supragingival plaque	Mouth	
764588959	SRS016092	SRR061362	Supragingival plaque	Mouth	
764588959	SRS016095	SRR061172	Gut	Gut	
764588959	SRS016095	SRR061169	Gut	Gut	
764588959	SRS016105	SRR062537	Anterior nares	Skin	
764588959	SRS016105	SRR062536	Anterior nares	Skin	
764588959	SRS016111	SRR061275	Posterior fornix	Vagina	
764588959	SRS016111	SRR061274	Posterior fornix	Vagina	
764649650	SRS016188	SRR063467	Anterior nares	Skin	
764649650	SRS016188	SRR063466	Anterior nares	Skin	
764649650	SRS016191	SRR061594	Posterior fornix	Vagina	
764649650	SRS016191	SRR061593	Posterior fornix	Vagina	HPV38 (1)
764649650	SRS016196	SRR061536	Buccal mucosa	Mouth	
764649650	SRS016196	SRR061534	Buccal mucosa	Mouth	
764649650	SRS016200	SRR063507	Supragingival plaque	Mouth	
764649650	SRS016200	SRR063506	Supragingival plaque	Mouth	
764649650	SRS016203	SRR062539	Gut	Gut	
764649650	SRS016203	SRR062538	Gut	Gut	

764649650	SRS016225	SRR061242	Tongue dorsum	Mouth	
764649650	SRS016225	SRR061233	Tongue dorsum	Mouth	
764669880	SRS016267	SRR061495	Gut	Gut	
764669880	SRS016267	SRR061494	Gut	Gut	
764669880	SRS019787	SRR061505	Gut	Gut	
764669880	SRS019787	SRR061503	Gut	Gut	
764811490	SRS042284	SRR063523	Gut	Gut	HPV101 (1)
764811490	SRS042284	SRR063513	Gut	Gut	
764811490	SRS047100	SRR063518	Supragingival plaque	Mouth	
764811490	SRS047100	SRR063517	Supragingival plaque	Mouth	
764811490	SRS049237	SRR061596	Posterior fornix	Vagina	
764811490	SRS049237	SRR061595	Posterior fornix	Vagina	
764811490	SRS052874	SRR063521	Buccal mucosa	Mouth	
764811490	SRS052874	SRR063519	Buccal mucosa	Mouth	
764811490	SRS053603	SRR061439	Tongue dorsum	Mouth	
764811490	SRS053603	SRR061431	Tongue dorsum	Mouth	
764892411	SRS019867	SRR061462	Anterior nares	Skin	HPV124 (1)
764892411	SRS019867	SRR061461	Anterior nares	Skin	HPV122 (1)
764892411	SRS019872	SRR061547	Buccal mucosa	Mouth	
764892411	SRS019872	SRR061543	Buccal mucosa	Mouth	
764892411	SRS019894	SRR062385	Tongue dorsum	Mouth	
764892411	SRS019894	SRR062346	Tongue dorsum	Mouth	
764892411	SRS019906	SRR061262	Supragingival plaque	Mouth	
764892411	SRS019906	SRR061257	Supragingival plaque	Mouth	
764892411	SRS019910	SRR062460	Gut	Gut	
764892411	SRS019910	SRR062404	Gut	Gut	
765013792	SRS018656	SRR061510	Gut	Gut	
765013792	SRS018656	SRR061508	Gut	Gut	
765013792	SRS018661	SRR061564	Buccal mucosa	Mouth	
765013792	SRS018661	SRR061563	Buccal mucosa	Mouth	
765013792	SRS018665	SRR061566	Supragingival plaque	Mouth	
765013792	SRS018665	SRR061562	Supragingival plaque	Mouth	
765013792	SRS018671	SRR061392	Anterior nares	Skin	
765013792	SRS018671	SRR061350	Anterior nares	Skin	
765013792	SRS018739	SRR061250	Tongue dorsum	Mouth	
765013792	SRS018739	SRR061249	Tongue dorsum	Mouth	
765013792	SRS018769	SRR062535	Posterior fornix	Vagina	HPV16 (2),HPV59 (8)
765013792	SRS018769	SRR061264	Posterior fornix	Vagina	HPV16 (1),HPV59 (8)
765034022	SRS019215	SRR063492	Anterior nares	Skin	
765034022	SRS019215	SRR063488	Anterior nares	Skin	
765034022	SRS019219	SRR061458	Tongue dorsum	Mouth	

765034022	SRS019219	SRR061446	Tongue dorsum	Mouth	
765034022	SRS019221	SRR062455	Buccal mucosa	Mouth	
765034022	SRS019221	SRR062454	Buccal mucosa	Mouth	
765034022	SRS019225	SRR061524	Supragingival plaque	Mouth	
765034022	SRS019225	SRR061520	Supragingival plaque	Mouth	
765034022	SRS019245	SRR062542	Posterior fornix	Vagina	HPV101 (2),HPV150 (1),HPV66 (25)
765034022	SRS019245	SRR061247	Posterior fornix	Vagina	HPV101 (2),HPV66 (14)
765034022	SRS019267	SRR061154	Gut	Gut	HPV47 (2)
765034022	SRS019267	SRR061150	Gut	Gut	HPV47 (1)
765074482	SRS016292	SRR061527	Anterior nares	Skin	HPV121 (3),HPV126 (2),HPV133 (1),HPV142 (1),HPV143 (1),HPV15 (1),HPV47 (20),HPV5 (1),HPV80 (212),N (1)
765074482	SRS016292	SRR061525	Anterior nares	Skin	HPV126 (1),HPV143 (1),HPV23 (1),HPV36 (1),HPV47 (24),HPV80 (209),N (2)
765074482	SRS016297	SRR061482	Buccal mucosa	Mouth	
765074482	SRS016297	SRR061481	Buccal mucosa	Mouth	
765074482	SRS016319	SRR061178	Tongue dorsum	Mouth	
765074482	SRS016319	SRR061177	Tongue dorsum	Mouth	
765074482	SRS016331	SRR061176	Supragingival plaque	Mouth	
765074482	SRS016331	SRR061171	Supragingival plaque	Mouth	
765074482	SRS016335	SRR061161	Gut	Gut	
765074482	SRS016335	SRR061157	Gut	Gut	
765074482	SRS047014	SRR063484	Gut	Gut	
765074482	SRS047014	SRR063483	Gut	Gut	
765074482	SRS049164	SRR062390	Gut	Gut	
765074482	SRS049164	SRR062341	Gut	Gut	
765094712	SRS018569	SRR063516	Buccal mucosa	Mouth	
765094712	SRS018569	SRR063515	Buccal mucosa	Mouth	
765094712	SRS018573	SRR061567	Supragingival plaque	Mouth	
765094712	SRS018573	SRR061565	Supragingival plaque	Mouth	
765094712	SRS018575	SRR061569	Gut	Gut	
765094712	SRS018575	SRR061568	Gut	Gut	
765094712	SRS018585	SRR062319	Anterior nares	Skin	HPV112 (1),HPV136 (1),HPV148 (6),N (1)
765094712	SRS018585	SRR062318	Anterior nares	Skin	HPV132 (1),HPV148 (1),N (3)
765094712	SRS018591	SRR062541	Tongue dorsum	Mouth	
765094712	SRS018591	SRR062540	Tongue dorsum	Mouth	
765094712	SRS043803	SRR061504	Buccal mucosa	Mouth	
765094712	SRS045197	SRR061240	Supragingival plaque	Mouth	HPV12 (1)
765094712	SRS045197	SRR061239	Supragingival plaque	Mouth	

765094712	SRS051600	SRR062526	Anterior nares	Skin	HPV119 (1)
765094712	SRS051600	SRR061261	Anterior nares	Skin	HPV119 (1),HPV130 (1),N (1)
765094712	SRS051791	SRR061434	Tongue dorsum	Mouth	
765094712	SRS051791	SRR061433	Tongue dorsum	Mouth	
765094712	SRS052988	SRR061351	R_Retroauricular crease	Skin	HPV12 (41)
765094712	SRS052988	SRR061336	R_Retroauricular crease	Skin	HPV12 (30),HPV137 (1)
765094712	SRS056519	SRR063504	Gut	Gut	
765094712	SRS056519	SRR063503	Gut	Gut	
765135172	SRS018774	SRR062307	Buccal mucosa	Mouth	
765135172	SRS018774	SRR062304	Buccal mucosa	Mouth	
765135172	SRS018778	SRR061544	Supragingival plaque	Mouth	
765135172	SRS018778	SRR061541	Supragingival plaque	Mouth	
765135172	SRS018784	SRR061535	Anterior nares	Skin	
765135172	SRS018784	SRR061513	Anterior nares	Skin	
765135172	SRS018791	SRR061146	Tongue dorsum	Mouth	
765135172	SRS018791	SRR061141	Tongue dorsum	Mouth	
765135172	SRS018817	SRR062355	Gut	Gut	
765135172	SRS018817	SRR062350	Gut	Gut	
765337473	SRS019327	SRR062305	Tongue dorsum	Mouth	
765337473	SRS019327	SRR062281	Tongue dorsum	Mouth	
765337473	SRS019329	SRR062497	Buccal mucosa	Mouth	
765337473	SRS019329	SRR062494	Buccal mucosa	Mouth	
765337473	SRS019333	SRR063537	Supragingival plaque	Mouth	
765337473	SRS019333	SRR063536	Supragingival plaque	Mouth	
765337473	SRS019339	SRR062317	Anterior nares	Skin	
765337473	SRS019339	SRR062291	Anterior nares	Skin	
765337473	SRS019379	SRR061260	Posterior fornix	Vagina	
765337473	SRS019379	SRR061248	Posterior fornix	Vagina	
765337473	SRS019381	SRR061230	Gut	Gut	HPV47 (2)
765560005	SRS019386	SRR061406	Anterior nares	Skin	HPV119 (1),HPV136 (1),HPV60 (1),N (1)
765560005	SRS019386	SRR061340	Anterior nares	Skin	HPV136 (1)
765560005	SRS019387	SRR063511	Supragingival plaque	Mouth	
765560005	SRS019387	SRR063510	Supragingival plaque	Mouth	
765560005	SRS019389	SRR062378	Tongue dorsum	Mouth	
765560005	SRS019389	SRR062377	Tongue dorsum	Mouth	
765560005	SRS019391	SRR061532	Buccal mucosa	Mouth	
765560005	SRS019391	SRR061531	Buccal mucosa	Mouth	
765560005	SRS019397	SRR061459	Gut	Gut	
765560005	SRS019397	SRR061456	Gut	Gut	
765560005	SRS062878	SRR061381	Hard palate	Mouth	

765560005	SRS062878	SRR061364	Hard palate	Mouth	
765560005	SRS063178	SRR061480	Anterior nares	Skin	
765560005	SRS063178	SRR061474	Anterior nares	Skin	
765560005	SRS065335	SRR062293	Throat	Mouth	
765560005	SRS065335	SRR062290	Throat	Mouth	
765620695	SRS019587	SRR062300	Buccal mucosa	Mouth	
765620695	SRS019587	SRR062297	Buccal mucosa	Mouth	
765620695	SRS019591	SRR062452	Supragingival plaque	Mouth	HPV36 (1)
765620695	SRS019591	SRR062450	Supragingival plaque	Mouth	
765620695	SRS019597	SRR062451	Anterior nares	Skin	
765620695	SRS019597	SRR062445	Anterior nares	Skin	
765620695	SRS019600	SRR061427	Posterior fornix	Vagina	
765620695	SRS019600	SRR061426	Posterior fornix	Vagina	
765620695	SRS019601	SRR063505	Gut	Gut	
765620695	SRS019601	SRR063502	Gut	Gut	
765620695	SRS019607	SRR061214	Tongue dorsum	Mouth	
765620695	SRS019607	SRR061213	Tongue dorsum	Mouth	
765640925	SRS050752	SRR062447	Gut	Gut	HPV47 (15)
765640925	SRS050752	SRR062446	Gut	Gut	HPV47 (19)
765640925	SRS052330	SRR062288	Posterior fornix	Vagina	
765640925	SRS052330	SRR062287	Posterior fornix	Vagina	
765640925	SRS053437	SRR063500	Anterior nares	Skin	HPV132 (1)
765640925	SRS053437	SRR063498	Anterior nares	Skin	HPV115 (1),HPV132 (1)
765640925	SRS054653	SRR062493	Supragingival plaque	Mouth	
765640925	SRS054653	SRR062488	Supragingival plaque	Mouth	
765640925	SRS056323	SRR063535	Tongue dorsum	Mouth	
765640925	SRS056323	SRR063534	Tongue dorsum	Mouth	
765640925	SRS057182	SRR062479	Buccal mucosa	Mouth	
765640925	SRS057182	SRR061463	Buccal mucosa	Mouth	
765640925	SRS057182	SRR061475	Buccal mucosa	Mouth	
765640925	SRS057182	SRR062476	Buccal mucosa	Mouth	
765701615	SRS046973	SRR062510	Anterior nares	Skin	HPV58 (1)
765701615	SRS046973	SRR062504	Anterior nares	Skin	N (1)
765701615	SRS049389	SRR061221	Tongue dorsum	Mouth	
765701615	SRS049389	SRR061210	Tongue dorsum	Mouth	
765701615	SRS049959	SRR061220	Gut	Gut	
765701615	SRS049959	SRR061215	Gut	Gut	
765701615	SRS050628	SRR062311	Buccal mucosa	Mouth	
765701615	SRS050628	SRR062278	Buccal mucosa	Mouth	
765701615	SRS058808	SRR062315	Supragingival plaque	Mouth	
765701615	SRS058808	SRR062279	Supragingival plaque	Mouth	

809635352	SRS022524	SRR063904	Gut	Gut	
809635352	SRS022524	SRR060021	Gut	Gut	
809635352	SRS022524	SRR063903	Gut	Gut	
809635352	SRS022530	SRR060020	Tongue dorsum	Mouth	
809635352	SRS022532	SRR060032	Buccal mucosa	Mouth	
809635352	SRS022536	SRR060033	Supragingival plaque	Mouth	
809635352	SRS022545	SRR060034	Posterior fornix	Vagina	
809635352	SRS063040	SRR063909	Gut	Gut	
809635352	SRS063040	SRR060003	Gut	Gut	HPV47 (5)
809635352	SRS063040	SRR063907	Gut	Gut	
809635352	SRS063040	SRR063908	Gut	Gut	
809635352	SRS063288	SRR060005	Tongue dorsum	Mouth	
809635352	SRS064704	SRR060086	Posterior fornix	Vagina	
809635352	SRS065099	SRR060456	Supragingival plaque	Mouth	
809635352	SRS065431	SRR060002	Buccal mucosa	Mouth	
823052294	SRS046344	SRR061317	Anterior nares	Skin	
823052294	SRS048719	SRR061382	Buccal mucosa	Mouth	
823052294	SRS048719	SRR061372	Buccal mucosa	Mouth	
823052294	SRS049712	SRR061174	Gut	Gut	
823052294	SRS049712	SRR061165	Gut	Gut	
823052294	SRS057791	SRR061417	Tongue dorsum	Mouth	
823052294	SRS057791	SRR061399	Tongue dorsum	Mouth	
861967750	SRS045254	SRR063495	Buccal mucosa	Mouth	
861967750	SRS045254	SRR063494	Buccal mucosa	Mouth	
861967750	SRS048164	SRR061343	Gut	Gut	
861967750	SRS048164	SRR061330	Gut	Gut	
861967750	SRS051244	SRR061422	Supragingival plaque	Mouth	
861967750	SRS051244	SRR061419	Supragingival plaque	Mouth	
861967750	SRS051613	SRR062487	Anterior nares	Skin	
861967750	SRS051613	SRR062485	Anterior nares	Skin	
861967750	SRS057539	SRR061589	Tongue dorsum	Mouth	
861967750	SRS057539	SRR061573	Tongue dorsum	Mouth	

35 N: unclassified HPV types

36 Table S2. Distribution of HPV types among organs in healthy human subjects

Subject	Gut	Mouth	Skin	Vagina	No. HPV ⁺ organ
158883629		138,17,N,	148,	91,	3
160319967		62,	112,4,	51,6,62,68,83,	3
338793263	42,		112,38,42,	42,61,62,72,N,	3
763759525		19,	19,	101,	3
764042746		4,	93,	128,135,146,153,	3
160400887	47,	144,	107,115,118,12,121,124,127,129,148,17,60,98,N,		3
246515023	101,68,	80,		67,	3
158458797			127,148,24,N,	121,126,142,144,153,21,74,88,N,	2
158944319		8,		43,45,53,61,N,	2
160704339	47,		143,37,5,5b,N,		2
550534656		1,	96,		2
763840445		36,80,N,	109,126,19,36,		2
763901136	47,		101,112,119,144,149,155,156,17,50,N,		2
764143897		144,	110,76,		2
765034022	47,			101,150,66,	2
765640925	47,		115,132,		2
158479027		38,	110,12,120,38,8,		2
159510762		126,26,	37,38,		2
159591683		135,147,17,20,	133,15,5,80,		2
159611913		145,	149,		2
763496533		24,	4,		2
763961826		20,66,N,	104,107,111,119,120,121,124,130,14,144,147,148,149,153,23,24,75,76,8,80,9,92,N,		2
764083206		32,	10,112,115,124,126,127,131,132,14,141,144,147,148,149,N,		2
764224817		38,	17,38,4,		2
764325968		4,	132,95,N,		2
765094712		12,	112,119,12,130,132,136,137,148,N,		2
160502038	58,			56,	2
638754422	47,			103,106,18,34,39,51,56,6,73,74,90,N,	2
763820215	28,			118,131,134,52,89,N,	2
158337416			139,		1
159247771			134,149,8,N,		1
160582958			4,		1
160643649			119,120,151,45,65,N,		1
508703490				62,	1
706846339			124,146,		1
763577454				45,90,	1
764649650				38,	1
765013792				16,59,	1
765337473	47,				1
765620695		36,			1
158499257		12,9,N,			1
159369152		148,			1
159490532			112,116,119,12,130,134,136,137,142,147,17,19,28,34,4,48,60,76,88,N,		1
159551223		20,50,			1
159571453			142,17,19,21,80,		1
159713063			17,23,		1
159814214			110,12,149,		1
160421117			118,122,22,49,50,98,		1
160603188			122,137,150,17,20,9,N,		1
763860675			146,50,N,		1
763982056		146,153,			1
764305738			148,151,22,36,		1
764447348			128,147,17,65,92,N,		1
764487809			18,		1
764508039			104,155,2,		1
764892411			122,124,		1
765074482			121,126,133,142,143,15,23,36,47,5,80,N,		1
765560005			119,136,60,N,		1
765701615			58,N,		1
159227541				66,	1
675950834	18,				1
764811490	101,				1
809635352	47,				1
159268001		155,98,			1
604812005		107,32,5,			1
763536994	47,				1
158924089			124,N,		1
159166850	47,				1
763678604	47,				1
158398106			110,17,23,80,		1
158984779			98,		1
158256496					0
158742018					0
159753524					0

737052003					0
764062976					0
764588959					0
159207311					0
160218816					0
160765029					0
404239096					0
763435843					0
765135172					0
823052294					0
861967750					0
159915365					0
370425937					0
158802708					0
159005010					0
159632143					0
160158126					0
160380657					0
686765762					0
764285508					0
159146620					0
159733294					0
763597684					0
764002286					0
764184357					0
764669880					0
160178356					0
159450072					0
159672603					0
Prevalence	0.173	0.3	0.613	0.415	71/103

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Organs (cells) are highlighted in grey if sequencing files are available or in white if not available for analysis. N: unclassified HPV types

68 Table S3. Large contigs (>500bp) assembled from all the reads in each HPV position sample
 69 and their best hits in NCBI Genbank

Body sites	Contigs	Length (bp)	Best hits	Identities (%)	Coverage (%)
Vagina	SRR062364.hpv_contig_103	7,944	(HQ537734)HPV type 52	99.9	100.0
Vagina	SRR062365.hpv_contig_1	7,940	(HQ537734)HPV type 52	99.9	100.0
Vagina	SRR062073.hpv_contig_1	7,859	(EF546471)HPV type 53	100.0	100.0
Vagina	SRR064532.hpv_contig_1	7,723	(X74476)HPV type 34	99.9	100.0
Vagina	SRR064532.hpv_contig_2	7,446	(U89349)HPV type 18	99.7	100.0
Skin	SRR062408.hpv_contig_1	7,143	(Y15173)HPV type 75	98.5	99.9
Vagina	SRR062073.hpv_contig_3	6,581	(EF202156)HPV type 45	99.9	100.0
Vagina	SRR060392.hpv_contig_4	5,318	(EF546473)HPV type 53	100.0	100.0
Skin	SRR062412.hpv_contig_2	5,148	(Y15173)HPV type 75	98.4	100.0
Vagina	SRR062072.hpv_contig_6	4,613	(EF546473)HPV type 53	100.0	100.0
Vagina	SRR060393.hpv_contig_1	4,403	(EF546473)HPV type 53	99.1	100.0
Vagina	SRR060392.hpv_contig_2	3,969	(EF202156)HPV type 45	100.0	99.7
Skin	SRR062513.hpv_contig_4	2,958	(FN677756)HPV type 151	99.6	100.3
Mouth	SRR063710.hpv_contig_1	2,784	(X74475)HPV type 32	98.9	100.0
Vagina	SRR060393.hpv_contig_4	2,774	(EF546473)HPV type 53	99.9	100.0
Vagina	SRR060393.hpv_contig_9	2,435	(KC470250)HPV type 45	100.0	100.0
Vagina	SRR061560.hpv_contig_3	2,174	(M73236)HPV type 42	99.7	100.0
Skin	SRR061527.hpv_contig_5	2,155	(Y15176)HPV type 80	99.2	100.0
Skin	SRR062412.hpv_contig_1	1,972	(Y15173)HPV type 75	98.8	100.0
Vagina	SRR062072.hpv_contig_4	1,798	(KC470250)HPV type 45	100.0	100.0
Vagina	SRR061552.hpv_contig_1	1,781	(M73236)HPV type 42	99.9	100.0
Skin	SRR061527.hpv_contig_6	1,715	(Y15176)HPV type 80	99.8	98.5
Skin	SRR061527.hpv_contig_1	1,696	(Y15176)HPV type 80	99.8	100.0
Mouth	SRR063710.hpv_contig_4	1,624	(X74475)HPV type 32	99.3	100.0
Skin	SRR062514.hpv_contig_53	1,453	(FN677756)HPV type 151	99.4	100.0
Vagina	SRR060392.hpv_contig_1	1,353	(EF546473)HPV type 53	100.0	100.0
Skin	SRR061525.hpv_contig_1	1,306	(Y15176)HPV type 80	99.8	100.0
Vagina	SRR061560.hpv_contig_7	1,273	(M73236)HPV type 42	99.9	100.0
Skin	SRR062514.hpv_contig_80	1,227	(FN677756)HPV type 151	99.7	99.9
Vagina	SRR062072.hpv_contig_7	1,203	(KC470251)HPV type 45	99.8	84.7
Skin	SRR061360.hpv_contig_15	1,187	(U31790)HPV type 50	98.0	100.0
Skin	SRR061525.hpv_contig_3	1,168	(Y15176)HPV type 80	99.9	100.0
Vagina	SRR061552.hpv_contig_3	1,112	(M73236)HPV type 42	99.9	100.0
Skin	SRR062513.hpv_contig_1	1,107	(FN677756)HPV type 151	99.6	100.0
Vagina	SRR060392.hpv_contig_18	1,095	(KC470250)HPV type 45	99.8	100.0
Skin	SRR061923.hpv_contig_6	1,086	(X74464)HPV type 9	99.5	100.0
Vagina	SRR062072.hpv_contig_24	1,058	(KC470251)HPV type 45	100.0	99.8
Skin	SRR062516.hpv_contig_5	1,040	(U31790)HPV type 50	96.7	100.0

Skin	SRR061948.hpv_contig_16	504	(X74469)HPV type 17	98.7	100.0
Skin	SRR061329.hpv_contig_5	600	(U31790)HPV type 50	97.3	100.0
Mouth	SRR063675.hpv_contig_23	504	(X74475)HPV type 32	99.4	100.0
Skin	SRR062514.hpv_contig_84	941	(FN677756)HPV type 151	99.7	100.0
Skin	SRR061360.hpv_contig_6	552	(U31790)HPV type 50	96.9	100.0
Skin	SRR061329.hpv_contig_7	806	(U31790)HPV type 50	96.8	100.0
Vagina	SRR060392.hpv_contig_15	889	(M38198)HPV type 45	98.2	100.0
Vagina	SRR060393.hpv_contig_14	892	(AM283449)HPV type 53	99.6	62.8
Skin	SRR061525.hpv_contig_8	906	(Y15176)HPV type 80	99.9	98.8
Skin	SRR061527.hpv_contig_2	550	(Y15176)HPV type 80	100.0	100.0
Vagina	SRR061733.hpv_contig_1	665	(X74476)HPV type 34	99.5	100.0
Vagina	SRR060393.hpv_contig_6	778	(AJ620205)HPV type 43	98.7	100.0
Vagina	SRR060393.hpv_contig_3	778	(AJ620205)HPV type 43	99.0	100.0
Vagina	SRR061552.hpv_contig_22	536	(U31793)HPV type 61	100.0	99.4
Vagina	SRR060427.hpv_contig_11	514	(EF177179)HPV type 56	100.0	100.0
Vagina	SRR060427.hpv_contig_8	664	(X74483)HPV type 56	99.8	99.7
Vagina	SRR062072.hpv_contig_15	542	(EF546473)HPV type 53	99.6	100.0
Vagina	SRR061560.hpv_contig_1	970	(M73236)HPV type 42	100.0	100.0
Vagina	SRR061560.hpv_contig_21	931	(M73236)HPV type 42	99.8	100.0
Vagina	SRR061552.hpv_contig_10	903	(M73236)HPV type 42	99.9	100.0
Vagina	SRR061560.hpv_contig_2	837	(M73236)HPV type 42	99.9	100.0
Vagina	SRR061552.hpv_contig_8	821	(M73236)HPV type 42	99.1	97.4
Vagina	SRR061552.hpv_contig_6	681	(M73236)HPV type 42	99.9	100.0
Vagina	SRR061552.hpv_contig_11	641	(M73236)HPV type 42	99.5	100.0
Vagina	SRR061552.hpv_contig_2	542	(M73236)HPV type 42	99.8	100.0
Vagina	SRR061552.hpv_contig_14	509	(M73236)HPV type 42	100.0	100.0
Mouth	SRR063710.hpv_contig_5	838	(X74475)HPV type 32	99.2	100.0
Skin	SRR061923.hpv_contig_39	722	(X74464)HPV type 9	99.6	100.0
Vagina	SRR060393.hpv_contig_7	930	(KC470256)HPV type 45	100.0	100.0
Vagina	SRR061560.hpv_contig_22	523	(U31793)HPV type 61	99.8	100.0
Skin	SRR061360.hpv_contig_9	623	(U31790)HPV type 50	90.1	100.0
Skin	SRR062514.hpv_contig_1	965	(FN677756)HPV type 151	99.7	100.0
Skin	SRR062513.hpv_contig_2	626	(FN677756)HPV type 151	98.9	100.0
Skin	SRR061923.hpv_contig_23	513	(X74464)HPV type 9	99.0	77.6
Skin	SRR061351.hpv_contig_2	510	(X74466)HPV type 12	99.8	100.0
Skin	SRR062516.hpv_contig_2	949	(U31790)HPV type 50	96.1	99.8
Skin	SRR061360.hpv_contig_2	927	(U31790)HPV type 50	98.1	100.0
Skin	SRR062516.hpv_contig_8	908	(U31790)HPV type 50	97.4	100.0
Skin	SRR061360.hpv_contig_1	852	(U31790)HPV type 50	96.0	100.0
Mouth	SRR063710.hpv_contig_2	753	(X74475)HPV type 32	99.3	100.0
Skin	SRR062516.hpv_contig_11	736	(U31790)HPV type 50	98.5	99.9

Skin	SRR061329.hpv_contig_2	702	(U31790)HPV type 50	96.6	100.0
Skin	SRR062516.hpv_contig_9	675	(U31790)HPV type 50	96.6	100.0
Skin	SRR061329.hpv_contig_11	577	(U31790)HPV type 50	98.4	99.8
Skin	SRR062516.hpv_contig_7	570	(JX429973)HPV type 156	75.8	52.1
Vagina	SRR061560.hpv_contig_4	532	(U31793)HPV type 61	100.0	100.0
Skin	SRR061329.hpv_contig_1	502	(U31790)HPV type 50	98.0	100.0

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