

Since this is a very extensive table, the format and content has not been edited by ActaDV.

Sequencing results of positive pan- <i>Chlamydiales</i> (16S rRNA) qPCR skin swabs and biopsies.												
Table SI.												
Patient No	Sample	BEST BLAST MATCH	GenBank no	ID%	chlamydiales matches	GenBank no	ID%	Closest established chlamydiales	GenBank no	ID%	Family	
Patient 1	Swab 2, parapsoriatic lesion	uncultured bacterium from white microbial mat from <b>lava cave wall</b>	JN615791	99	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	99	Waddliaceae bacterium cvE65	JF706723	<85	Unclassified	
					Uncultured Chlamydiales bacterium clone GE10016 <b>water</b>	JX083072	98	Neochlamydia hartmannellae strain A1Hsp	NR_025037	<85		
					Uncultured Chlamydiales bacterium clone PIH2 from <b>Ixodes ricinus</b>	JQ860068	98					
	Swab 2, parapsoriatic lesion	43255		JX083095	100	Uncultured Chlamydiales bacterium clone GE10170 <b>biof</b> from domestic <b>shower</b> biofilm	JX083095	100	Neochlamydia hartmannellae strain A1Hsp	NR_025037	96	Parachlamydiaceae
						Uncultured Chlamydiales bacterium clone 114_13 from <b>Ixodes ricinus</b>	KX451028	99				
						Uncultured Chlamydiales bacterium clone 211R from <b>bovine</b> rectal swab	KF651173	99				
	Swab 1, healthy skin	Uncultured Chlamydiales bacterium clone GE10016 <b>water</b> from domestic <b>shower</b> water		JX083072	99	Uncultured Chlamydiales bacterium clone GE10016 <b>water</b> from domestic <b>shower</b> water	JX083072	99	Neochlamydia sp. Trut23-12-2015_Venoge-Embouchure	LN995859	90	Parachlamydiaceae
						Uncultured Chlamydiales bacterium clone PIH2 from <b>Ixodes ricinus</b>	JQ860068	99				
						Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	98				
	Swab 2, healthy skin	Uncultured Chlamydiales bacterium clone GE11087 from <b>nasopharyngeal</b> samples		HQ721211	94	Uncultured Chlamydiales bacterium clone GE11087 from <b>nasopharyngeal</b> samples	HQ721211	94	Parachlamydiaceae bacterium HS-T3	AB812093	92	Parachlamydiaceae
Biopsy, Parapsoriatic lesion	Uncultured Chlamydiales bacterium clone 2496 from <b>Myotis daubentonii</b> feces		KU664280	98	Uncultured Chlamydiales bacterium clone HE210011 from <b>nasopharyngeal</b> sample	HQ721220	94	Parachlamydia acanthamoebae strain Bn9	NR_026357	93	Parachlamydiaceae	
					Uncultured Chlamydiales bacterium clone 34_14 from <b>Ixodes ricinus</b>	KX451009	94					
					Uncultured Chlamydiales bacterium clone GE11064 from <b>nasopharyngeal</b> samples	JX083116	93					
Biopsy, healthy skin	Uncultured Chlamydia sp. clone LD1-PA25 from anoxic marine sediment		AY114316	93	Candidatus Neptunochlamydia vexilliferae from <b>lake water</b>	LC049073	91	Candidatus Neptunochlamydia vexilliferae from lake water	LC049073	91	Simkaniaceae	
Patient 2	Swab 1, parapsoriatic lesion	Uncultured bacterium clone ELA_111314_OTU_3522 from lake <b>water</b>		KY518916	99	Uncultured Chlamydiales bacterium clone HE210012 from <b>nasopharyngeal</b> samples	HQ721221	92	Chlamydia pecorum clone F3039	KU207136	88	Unclassified
	Swab 1, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE10068 <b>biof</b> from domestic <b>shower</b> biofilm		JX083083	92	Uncultured Chlamydiales bacterium clone GE10068 <b>biof</b> from domestic <b>shower</b> biofilm	JX083083	92	Parachlamydiaceae bacterium HS-T3	AB812093	87	Unclassified
						Uncultured Chlamydiales bacterium clone 122_13 from <b>Ixodes ricinus</b>	KX451031	90				
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava cave wall</b>		JN615791	100	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	99	Neochlamydia hartmannellae strain A1Hsp	NR_025037	<85	Unclassified
						Uncultured Chlamydiales bacterium clone GE10016 <b>water</b> from domestic <b>shower</b> water	JX083072	98	Waddliaceae bacterium cvE65	JF706723	<85	
						Uncultured Chlamydiales bacterium clone PIH2 from <b>Ixodes ricinus</b>	JQ860068	98				
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone from butterscotch organic ooze from <b>lava tube wall</b>		JN616122	98	Uncultured Chlamydiales bacterium clone GE10016 <b>water</b> from domestic <b>shower</b> water	JX083072	97	Estrella lausannensis strain CRIB 30	EU074225	89	Unclassified
						Uncultured Chlamydiales bacterium clone PIH2 from <b>Ixodes ricinus</b>	JQ860068	97				
						Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	96				
	Swab 1, healthy skin	Uncultured <b>Planctomycetales</b> bacterium clone DTU1-3		FJ710621	98	Criblamydiaceae bacterium cvE70	JF706725	93	Criblamydiaceae bacterium cvE70	JF706725	93	Criblamydiaceae
Swab 1, healthy skin	Uncultured bacterium from <b>lake water</b>		KY518916	99	Uncultured Chlamydiales bacterium clone HE210012 from <b>nasopharyngeal</b> samples	HQ721221	92	Chlamydia pecorum clone F3039 from dairy cattle feces	KU207136	88	Unclassified	
					Uncultured Chlamydiales bacterium clone PIH10 from <b>Ixodes ricinus</b>	JQ860065	91					
Swab 2, healthy skin	Uncultured Chlamydiales bacterium clone GE11087 from <b>nasopharyngeal</b> samples		HQ721211	94	Uncultured Chlamydiales bacterium clone HE20032 <b>biof</b> from domestic <b>shower</b> biofilm	JX083103	93	Parachlamydiaceae bacterium HS-T3	AB812093	92	Parachlamydiaceae	

	Swab 2, healthy skin	Uncultured Chlamydiales bacterium clone GE10068biof from domestic <b>shower</b> biofilm	JX083083	96	Uncultured Chlamydiales bacterium clone GE10148water from domestic <b>shower</b> water	JX083089	95	Candidatus Rhabdochlamydia porcellionis	HF933203	89	Unclassified
					Uncultured Chlamydiales bacterium clone 122_13 from <b>Ixodes ricinus</b>	KX451031	93				
	Biopsy, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone HE210011biof from domestic <b>shower</b> biofilm	JX083108	99	Uncultured Chlamydiales bacterium clone P2C8 from <b>Ixodes ricinus</b>	JQ860075	95	Estrella lausannensis strain CRIB 30	EU074225	91	Criblamydiaceae
					Chlamydiales bacterium NS13 from <b>nasal</b> sample	JN606075	95				
Patient 3	Swab 1, parapsoriatic lesion	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava cave wall</b>	JN615791	93	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	93	Estrella lausannensis strain CRIB 30	EU074225	89	Unclassified
					Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower</b> water	JX083072	92				
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	92				
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone from <b>lake water</b>	KY518916	99	Uncultured Chlamydiales bacterium clone HE210012 from <b>nasopharyngeal</b> sample	HQ721221	92	Chlamydia pecorum P787	CP004035	88	Unclassified
					Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	91				
					Uncultured chlamydia sp. From <b>lake water</b>	FR714402	92				
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone from white microbial mat from <b>lava cave wall</b>	JN615791	100	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	99	Neochlamydia hartmannellae strain A1Hsp	NR_025037	<85	Unclassified
					Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower</b> water	JX083072	99	Waddliaceae bacterium cvE65	JF706723	<85	
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	98				
	Swab 1, healthy skin	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava cave wall</b>	JN615791	100	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	99	Waddliaceae bacterium cvE65	JF706723	88	
					Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower</b> water	JX083072	98	Estrella lausannensis strain CRIB 30	EU074225	88	Unclassified
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	98				
	Swab 2, healthy skin	Uncultured Planctomycetales bacterium clone DTU1-3	FJ710621	90	Criblamydiaceae bacterium cvE70	JF706725	88				Unclassified
	Biopsy, parapsoriatic lesion	Uncultured bacterium clone W-Pla-28 from <b>waste water</b>	JX279901	96	Chlamydiales bacterium CRIB 32 from <b>water</b> network biofilm	EU363464	96	Estrella lausannensis strain CRIB 30	EU074225	90	
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	93				Criblamydiaceae
					Chlamydiales bacterium NS13 from human <b>nasal</b> sample	JN606075	92				
	Biopsy, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE10174biof from domestic <b>shower</b> biofilm	JX083096	92	Uncultured Chlamydiales bacterium clone P-7 from <b>waste water</b>	AF364569	91	Candidatus Neptunochlamydia vexilliferae from lake water (Simkaniaceae)	LC049073	89	Unclassified
					Uncultured Chlamydiales bacterium clone VS30044 from <b>nasopharyngeal</b> sample	HQ721235	90				
	Biopsy, healthy skin	Candidatus Metachlamydia lacustris strain CHSL from hartmannellid <b>amoeba</b> SL-2	GQ221847	94	Uncultured Chlamydiales bacterium clone AHDe2-2 from <b>Hyalomma detritum detritum</b>	JQ860014	93	Parachlamydiaceae bacterium HS-T3	AB812093	91	Parachlamydiaceae
					Uncultured Chlamydiales bacterium clone GE10014 from <b>nasopharyngeal</b> sample	HQ721239	93				
					Uncultured Neochlamydia sp. LTUNC02956 from petroleum-contaminated sandy <b>soil</b>	AY144296	93				
					Uncultured Chlamydiales bacterium clone 82_13 from <b>Ixodes ricinus</b>	KX451016	93				
Patient 4	Biopsy, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	98	Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower</b> water	JX083072	98	Estrella lausannensis strain CRIB 30	EU074225	83	Unclassified
					Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	97				
	Biopsy, parapsoriatic lesion	Uncultured bacterium clone NCD2s3Powert3_8064 from FACE <b>soil</b> sample	JQ369379	92	Uncultured Chlamydiales bacterium clone P2H10-2 from <b>Ixodes ricinus</b>	JQ860083	89	Parachlamydia acanthamoebae strain Leol	AB812094	85	Unclassified
	Biopsy, healthy skin	Uncultured bacterium clone CC01f45b05 from <b>water</b> sample	JQ675408	97	Uncultured Chlamydiales bacterium clone P1D4 from <b>Ixodes ricinus</b>	JQ860057		Waddliaceae bacterium cvE65	JF706723	88	Unclassified

Patient 5	Swab 1, parapsoriatic lesion	Uncultured bacterium clone from ornamental fish <b>aquarium water</b>	JX317585	93	Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower water</b>	JX083072	92	Criblamydiaceae bacterium cvE70	JF706725	88	Unclassified						
					Chlamydiales bacterium NS11 from human <b>nasal sample</b>	JN606074	92										
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	92										
	Swab 1, parapsoriatic lesion	Uncultured bacterium clone from white microbial mat from <b>lava cave wall</b>	JN615791	99	Chlamydiales bacterium NS11 from human <b>nasal sample</b>	JN606074	98	Neochlamydia hartmannellae strain ATHsp	NR_025037	<85	Unclassified						
					Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower water</b>	JX083072	96	Waddliaceae bacterium cvE65	JF706723	<85							
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	96										
	Swab 2, parapsoriatic lesion	Uncultured bacterium from <b>lake water</b>	KY518916	99	Uncultured Chlamydiales bacterium clone HE210012 from <b>nasopharyngeal</b> samples	HQ721221	92	Chlamydia pecorum clone F3039	KU207136	88	Unclassified						
					Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	91										
					Uncultured Chlamydiales bacterium clone GE11050 from <b>nasopharyngeal</b> samples	HQ721205	91										
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone from white microbial mat from <b>lava cave wall</b>	JN615791	95	Chlamydiales bacterium NS11 from human <b>nasal sample</b>	JN606074	94	Estrella lausannensis strain CRIB 30	EU074225	91	Criblamydiaceae						
					Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower water</b>	JX083072	94										
					Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	94										
Swab 1, healthy skin	Uncultured bacterium from <b>lake water</b>	KY518916	99	Uncultured Chlamydiales bacterium clone HE210012 from <b>nasopharyngeal</b> samples	HQ721221	92	Chlamydia pecorum clone F3039	KU207136	88	Unclassified							
				Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	91											
Swab 2, healthy skin	Uncultured bacterium clone from white microbial mat from <b>lava tube walls</b>	HM063023	93	Uncultured Chlamydiales bacterium clone GE11087 from <b>nasopharyngeal</b> samples	HQ721211	94	Candidatus Amphibiichlamydia ranarum strain AMCS11/3 (Chlamydiaceae)	JN402380	89	Unclassified							
				Uncultured Chlamydiales bacterium clone from <b>bovine</b> rectal swab	KF651173	93											
Swab 2, healthy skin	Candidatus Amphibiichlamydia salamandrae strain AMCS11/2, from liver of sick host ( <b>Neurergus crocatus</b> )	JN392920	94	Uncultured Chlamydiales bacterium clone from <b>bovine</b> rectal swab	KF651173	93	Chlamydia suis isolate SWA-86	LT860209	90	Chlamydiaceae							
				Uncultured Chlamydiales bacterium from <b>Hyalomma detritum detritum</b>	JQ860014	93											
				Uncultured Chlamydiales bacterium clone GE10014 from <b>nasopharyngeal</b> samples	HQ721239	93											
				Uncultured Chlamydiales bacterium clone I02_13 from <b>Ixodes ricinus</b>	KX451021	92											
Biopsy, healthy skin	Uncultured bacterium clone KK135A0008 from white microbial mat from lava tube walls	HM063023	98	Chlamydiales bacterium CRIB 32 from water network biofilm	EU363464	93	Waddliaceae bacterium cvE65	JF706723	89	Unclassified							
							Candidatus Protochlamydia sp. cvE14	FJ976093	88								
							Estrella lausannensis strain CRIB 30	EU074225	88								
Patient 6	Swab 1, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE10027water_F2 from domestic <b>shower water</b>	JX083075	94	Uncultured Chlamydiales bacterium clone P1D4 from <b>Ixodes ricinus</b>	JQ860057	94	Estrella lausannensis strain CRIB 30	EU074225	88	Unclassified						
	Swab 1, parapsoriatic lesion	Uncultured bacterium clone F_250_22 from <b>Diplodus puntazzo</b>	KP857953	90	Candidatus Neptunochlamydia vexilliferae from coastal <b>lake water</b> ( <b>Chlamydiaceae</b> )	LC049073	89	Candidatus Neptunochlamydia vexilliferae from coastal <b>lake water</b>	LC049073	89	Unclassified						
	Swab 2, parapsoriatic lesion	Uncultured <b>Planctomycetales</b> bacterium	FJ710621	100	Criblamydiaceae bacterium cvE70	JF706725	94	Criblamydiaceae bacterium cvE70	JF706725	94	Criblamydiaceae						
												Uncultured Chlamydiales bacterium clone 96_13 from <b>Ixodes ricinus</b>	KX451020	93	Neochlamydia sp. Trut23-12-2015_Venoge-Embouchure	LN995859	91
												Uncultured Chlamydiales bacterium clone VS30044 from <b>nasopharyngeal</b> samples	HQ721235	93			
	Swab 2, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower water</b>	JX083072	99	Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	99	Waddliaceae bacterium cvE65	JF706723	<85	Unclassified						

					Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	98				
	Swab 1, healthy skin	Uncultured <b>Planctomycetales</b>	FJ710621	100	Criblamydiaeae bacterium cvE70	JF706725	95	Neochlamydia sp. Trut23-12-2015_Venoge-Embouchure	LN995859	92	Criblamydiaeae
					Uncultured Chlamydiales bacterium clone 96_13 from <b>Ixodes ricinus</b>	KX451020	93				
					Uncultured Chlamydiales bacterium clone VS30044 from <b>nasopharyngeal</b> samples	HQ721235	93				
	Swab 1, healthy skin	Uncultured Chlamydiales bacterium clone GE10068biof from domestic <b>shower</b> biofilm	JX083083	96	Uncultured Chlamydiales bacterium clone 122_13 from <b>Ixodes ricinus</b>	KX451031	93	Candidatus Rhabdochlamydia porcellionis	HF933203	89	Unclassified
	Swab 2, healthy skin	Uncultured Chlamydiales bacterium clone GE10068biof from domestic <b>shower</b> biofilm	JX083083	96	Uncultured Chlamydiales bacterium clone 122_13 from <b>Ixodes ricinus</b>	KX451031	93	Candidatus Rhabdochlamydia porcellionis	HF933203	89	Unclassified
	Swab 2, healthy skin	Uncultured Chlamydiales bacterium clone GE10068biof from domestic <b>shower</b> biofilm	JX083083	96	Uncultured Chlamydiales bacterium clone 122_13 from <b>Ixodes ricinus</b>	KX451031	93	Candidatus Rhabdochlamydia porcellionis	HF933203	89	Unclassified
Patient 7	Swab 2, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone 21HR from <b>bovine</b> rectal swab	KF651173	93	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	92	Neochlamydia sp. Trut23-12-2015_Venoge-Embouchure	LN995859	90	Parachlamydiaeae
					Uncultured Chlamydiales bacterium clone Creta1-B10 from oxic surface sediments of eastern <b>Mediterranean Sea</b>	AY534041	92				
					Uncultured Chlamydiales bacterium clone 96_13 from <b>Ixodes ricinus</b>	KX451020	91				
					Uncultured Chlamydiales bacterium clone VS30055biof from domestic <b>shower</b> biofilm	JX083116	91				
	Swab 1, healthy skin	Uncultured Chlamydiales bacterium clone GE11087 from <b>nasopharyngeal</b> samples	HQ721211	93	Uncultured Chlamydiales bacterium clone HE20032biof from domestic <b>shower</b> biofilm	JX083103	93	Parachlamydiaeae bacterium HS-T3	AB812093	91	Parachlamydiaeae
	Swab 2, healthy skin	Uncultured Chlamydiales bacterium clone AST2 from <i>Stenoponia tripectinata</i> (tick)	JQ860011	95	Protochlamydia naegleriophila genome assembly PNK1	LN879502	94	Protochlamydia naegleriophila genome assembly PNK1	LN879502	94	Parachlamydiaeae
					Chlamydia sp. 'Diamant' from <b>water</b>	HG726046	94				
					Uncultured Chlamydiales bacterium clone VS30007 from <b>nasopharyngeal</b> samples	HQ721231	94				
	Swab 2, healthy skin	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava cave wall</b>	JN615791	99	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	98	Neochlamydia hartmannellae strain A1Hsp	NR_025037	<85	Unclassified
					Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	98				
					Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower</b> water	JX083072	97				
	Biopsy, healthy skin	Uncultured Chlamydia sp. clone LD1-PA25 from anoxic marine sediment	AY114316	93	Candidatus Neptunochlamydia vexilliferae from <b>lake water</b>	LC049073	91	Candidatus Neptunochlamydia vexilliferae from <b>lake water</b>	LC049073	91	Simkaniaceae
Patient 8	Swab 2, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE11087 from nasopharyngeal samples	HQ721211	94	Uncultured Chlamydiales bacterium clone HE20032biof from domestic shower biofilm	JX083103	93	Parachlamydiaeae bacterium HS-T3	AB812093	92	Parachlamydiaeae
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone ELA_111314_OTU_3522 from lake water	KY518916		Uncultured Chlamydiales bacterium clone HE210012 from nasopharyngeal samples	HQ721221	90	Chlamydia pecorum strain A2637	KT445893	88	Unclassified
	Biopsy, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone AST2 from <i>Stenoponia tripectinata</i>	JQ860011	93	Uncultured Chlamydiales bacterium clone AN2-1 from <b>Nosopyllus</b> sp.	JQ860008	93	Parachlamydia sp. C2 from soil	HG726045	91	Parachlamydiaeae
					Uncultured Chlamydiales bacterium clone P-5 from <b>waste water</b>	AF364565	93				
					Uncultured Chlamydiales bacterium clone AHDe2-2 <b>Hyalomma detritum detritum</b>	JQ860014	92				
	Biopsy, healthy skin	Protochlamydia naegleriophila strain cvE26 from <b>fresh water</b>	FJ976102	98				Protochlamydia naegleriophila strain cvE26 from <b>fresh water</b>	FJ976102	98	Parachlamydiaeae
Patient 9	Swab 1, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	91	Uncultured Chlamydiales bacterium clone HE210071 from <b>nasopharyngeal</b> samples	HQ721229	91	Waddlia chondrophila 2032/99 annotated genome fragment	FR872662	88	Unclassified
					Uncultured Chlamydiales bacterium clone T2_14 from <b>Ixodes ricinus</b>	KX451038	90				
	Swab 2, parapsoriatic lesion	Uncultured <b>Planctomycetales</b> bacterium clone DTU1-3	FJ710621	99	Criblamydiaeae bacterium cvE70	JF706725	94	Neochlamydia sp. Trut23-12-2015_Venoge-Embouchure	LN995859	91	Criblamydiaeae
					Uncultured Chlamydiales bacterium clone 96_13from <b>Ixodes ricinus</b>	KX451020	93				
					Uncultured Chlamydiales bacterium clone VS30044 from <b>nasopharyngeal</b> samples	HQ721235	92				

	Swab 1, healthy skin	Uncultured Parachlamydiaceae bacterium cvC7 from <b>nasal</b> washing	AF478463	90	Uncultured Chlamydiales bacterium clone Genotype6_Tick_bacterium from <b>tick</b>	KX774320	89	Candidatus Neptunochlamydia vexilliferae from lake water	LC049073	89	Unclassified
	Swab 1, healthy skin	Uncultured organism clone SBZA_4032 from <b>microbial mat/biofilm</b>	JN502883	95	Uncultured Chlamydiales bacterium clone P1E1 from <b>Ixodes ricinus</b>	JQ860058	94	Candidatus Neptunochlamydia vexilliferae from lake water (Chlamydiaceae)	LC049073	89	Unclassified
	Swab 2, healthy skin	Uncultured bacterium from <b>lake water</b>	KY518916	98	Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	91	Chlamydia pecorum clone F3039	KU207136	88	Unclassified
				Uncultured Chlamydiales bacterium clone HE210071 from <b>nasopharyngeal</b> samples	HQ721229	91					
				Uncultured chlamydia sp. From <b>lake water</b>	FR714401	90					
Patient 10	Swab 1, parapsoriatic lesion	Uncultured bacterium clone F_250_22 from <b>Diplodus puntazzo</b>	KP857953	90	Candidatus Neptunochlamydia vexilliferae from <b>coastal lake water</b>	LC049073	90	Candidatus Neptunochlamydia vexilliferae from <b>coastal lake water</b>	LC049073	90	Simkaniaceae
				Uncultured Parachlamydiaceae bacterium cvC7 from <b>nasal</b> washing	AF478463	90					
	Swab 1, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE10068biof from domestic <b>shower</b> biofilm	JX083083	96	Uncultured Chlamydiales bacterium clone GE10148water from domestic <b>shower</b> water	JX083089	95	Candidatus Rhabdochlamydia porcellionis	HF933203	89	Unclassified
				Uncultured Chlamydiales bacterium clone I22_13 from <b>Ixodes ricinus</b>	KX451031	93					
	Swab 1, healthy skin	Uncultured <b>Planctomycetales</b> bacterium clone DTU1-3	FJ710621	96	Criblamydiaceae bacterium cvE70	JF706725	93	Neochlamydia sp. Trut23-12-2015_Venoge-Embouchure	LN995859	90	Criblamydiaceae
				Parachlamydiaceae bacterium cvE4b from <b>freshwater pond</b>	JN093034	91					
				Uncultured Chlamydiales bacterium clone 96_13 from <b>Ixodes ricinus</b>	KX451020	90					
	Swab 2, healthy skin	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava tube walls</b>	JN615791	98	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	97	Neochlamydia hartmannellae strain A1Hsp	NR_025037	<85	Unclassified
				Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	96					
				Uncultured Chlamydiales bacterium clone GE10016water from domestic <b>shower</b> water	JX083072	96					
	Swab 2, healthy skin	Uncultured organism clone SBZA_4032 from microbial mat/biofilm	JN502883	90	Uncultured Parachlamydiaceae bacterium cvC7 from nasal washing	AF478463	88	Parachlamydia acanthamoebae strain Bn9	NR_026357	88	Unclassified
				Uncultured Chlamydiales bacterium clone 2496 from Myotis daubentonii	KU664280	88					
	Biopsia, parapsoriatic lesion	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava tube walls</b>	JN615791	98	Uncultured Chlamydiales bacterium clone P1H2 from <b>Ixodes ricinus</b>	JQ860068	96	Estrella lausannensis strain CRIB 30	EU074225	90	Criblamydiaceae
				Uncultured Chlamydiales bacterium clone GE10027water_F2 from domestic shower water	JX083075	96					
				Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	95					
Patient 11	Swab 2, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE11087 from nasopharyngeal sample	HQ721211	94	Uncultured Chlamydiales bacterium clone HE20032biof from domestic shower biofilm	JX083103	93	Parachlamydiaceae bacterium HS-T3	AB812093	91	Parachlamydiaceae
	Swab 2, parapsoriatic lesion	Uncultured bacterium clone GTM2313b10 from white microbial mat from <b>lava tube walls</b>	JN615791	100	Chlamydiales bacterium NS11 from human <b>nasal</b> sample	JN606074	99	Waddliaceae bacterium cvE65	JF706723	88	Unclassified
				Uncultured Chlamydiales bacterium clone GE10016water from domestic shower water	JX083072	98	Estrella lausannensis strain CRIB 30	EU074225	88		
	Swab 1, healthy skin	Uncultured bacterium from <b>lake water</b>	KY518916	97	Uncultured Chlamydiales bacterium clone HE210012 from <b>nasopharyngeal</b> sample	HQ721221	91	Chlamydia pecorum isolate gt1			Unclassified
				Chlamydiales bacterium cvE38 from <b>freshwater</b> (fountain)	FJ976094	90					
				Uncultured Chlamydiales bacterium clone P1H10 from <b>Ixodes ricinus</b>	JQ860065	90					
	Swab 2, healthy skin	Uncultured bacterium clone F_250_22from <b>Diplodus puntazzo</b>	KP857953	90	Candidatus Neptunochlamydia vexilliferae from <b>coastal lake water</b>	LC049073	90	Candidatus Neptunochlamydia vexilliferae from <b>coastal lake water</b>	LC049073	90	Simkaniaceae
	Biopsy, Parapsoriatic lesion	Uncultured Chlamydiales bacterium clone GE11053 from <b>nasopharyngeal</b> samples	HQ721206	99	Uncultured Chlamydiales bacterium clone P-5 from waste water	AF364565	95	Candidatus Metachlamydia lacustris strain CHSL	GQ221847	94	Parachlamydiaceae
				Uncultured Chlamydiales bacterium clone AHDe2-2 <b>Hyalomma detritum detritum</b>	JQ860014	94					
Patient 12	Swab 2, parapsoriatic lesion	Uncultured bacterium clone F_250_22from <b>Diplodus puntazzo</b>	KP857953	90	Candidatus Neptunochlamydia vexilliferae from <b>coastal lake water</b>	LC049073	90	Candidatus Neptunochlamydia vexilliferae from <b>coastal lake water</b>	LC049073	90	Simkaniaceae

	Swab 2, parapsoriatic lesion	Uncultured Simkania sp. from <b>Gastric cavity Jellyfish</b>	LT599034	91	Uncultured Simkaniaceae bacterium clone SM081012-5s from <b>gills of Symphodus melops</b>	KC608868	91	Candidatus Syngnamydia venezia strain Pi3-2	KC182514	90	Simkaniaceae
					Uncultured Chlamydiales bacterium clone GE11062 from <b>nasopharyngeal</b> samples	HQ721208	91				
					Uncultured Chlamydiae bacterium clone 2H69 from <b>raw source water</b>	GU074172	91				
	Biopsy, healthy skin	Uncultured Chlamydiales bacterium clone P-5	AF364565	93	Uncultured Chlamydiales bacterium clone AHDe2-2 <b>Hyalomma detritum detritum</b>	JQ860014	92	Parachlamydiaceae bacterium CRIB38	EU683886	92	Parachlamydiaceae
Patient 13	Swab 1, healthy skin	Uncultured Chlamydiales bacterium clone GE11062	HQ721208	90	Uncultured Simkaniaceae bacterium clone SM081012-5s from <b>gills of Symphodus melops</b>	KC608868	90	Candidatus Syngnamydia venezia strain Pi3-2 from gills with epitheliocysts	LC049073	90	Simkaniaceae
					Uncultured Parachlamydiaceae bacterium cvC7 from <b>nasal</b> washing	AF478463	90				
	Swab 1, parapsoriatic lesion	Uncultured organism clone SBZA_4032	JN502883	89	Uncultured Parachlamydiaceae bacterium cvC7	AF478463	88	Parachlamydia acanthamoebae strain Bn9	NR_026357	88	Unclassified
	Biopsy, parapsoriatic lesion	Uncultured Chlamydiales bacterium clone 18IR from bovine rectal swab	KF651171	96	Uncultured Chlamydiales bacterium clone 111_13 from <b>Ixodes ricinus</b>	KX451026		Parachlamydia acanthamoebae	AB812094	93	Parachlamydiaceae