

range: nps 16024-16569 1-576

[illegible]

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KJ655738	ET157	E1b-16261	16223T	16261T	16311C	16362C	16390A	16519C	73G	152C	199Y	263G	309.1C	315.1C	489C			
KJ655857	ET046	E1b-16261	16223T	16261T	16362C	16390A	16519C	73G	152C	263G	309.1C	315.1C	489C					
KJ655876	ET262	E2-16093-16215	16051G	16093C	16215G	16223T	16362C	16390A	73G	195C	263G	315.1C	489C	523DEL	524DEL			
KJ655717	ET201	E2-16093-16215	16051G	16093C	16215G	16223T	16362C	16390A	73G	195C	263G	315.1C	489C	523DEL	524DEL			
KJ655723	ET272	E2-16093-16215	16051G	16093C	16215G	16223T	16362C	16390A	73G	195C	263G	315.1C	489C	523DEL	524DEL	525T		
KJ655600	ET094	E2-16215	16051G	16215G	16223T	16362C	16390A	73G	195C	263G	315.1C	489C						
KJ655823	ET298	E2-16215	16051G	16215G	16223T	16362C	16390A	73G	195C	263G	315.1C	489C						
KJ655609	ET123	E2-16185	16051G	16185T	16223T	16362C	16390A	73G	195C	263G	315.1C	489C						
KJ655710	ET099	E2-16185	16051G	16185T	16223T	16362C	16390A	73G	195C	263G	315.1C	489C						
KJ655821	ET078	F1a1a	16108T	16129A	16162G	16172C	16304C	16519C	73G	207A	249DEL	263G	309.1C	315.1C	523DEL	524DEL		
KJ655815	ET076	F1a2-16311	16172C	16245T	16304C	16311C	16519C	73G	249DEL	263G	315.1C	523DEL	524DEL					
KJ655625	ET025	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL				
KJ655779	ET036	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	309.2C	315.1C	523DEL	524DEL	573.1C		
KJ655862	ET195	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL				
KJ655768	ET268	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	315.1C	523DEL	524DEL					
KJ655778	ET022	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL				
KJ655729	ET131	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL				
KJ655646	ET042	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL				
KJ655614	ET003	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL				
KJ655846	ET230	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	315.1C	523DEL	524DEL					
KJ655632	ET080	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	315.1C	523DEL	524DEL					
KJ655761	ET066	F1a3a	16129A	16172C	16235G	16304C	16311C	16519C	73G	249DEL	263G	309.1C	315.1C	523DEL	524DEL			
KJ655855	ET220	F1a3a	16129A	16172C	16304C	16311C	16519C	73G	249DEL	263G	309.1C	309.2C	315.1C	523DEL	524DEL			
KJ655838	ET096	F1a3a-195	16129A	16172C	16304C	16311C	16519C	73G	195C	249DEL	263G	309.1C	315.1C	523DEL	524DEL			
KJ655874	ET118	F1a3a-195-444-16174	16129A	16172C	16174T	16304C	16311C	16519C	73G	195C	249DEL	263G	309.1C	315.1C	385R	444G	523DEL 524DEL	
KJ655665	ET013	F1a3a-195-444-16174	16129A	16172C	16174T	16304C	16311C	16519C	73G	195C	249DEL	263G	309.1C	309.2C	315.1C	444G	523DEL 524DEL	
KJ655753	ET323	F1a3a-195-16174	16129A	16172C	16174T	16304C	16311C	16519C	73G	195C	249DEL	263G	309.1C	315.1C	523DEL	524DEL		
KJ655718	ET241	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655802	ET221	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655878	ET117	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	309.2C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655879	ET213	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655716	ET199	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655884	ET056	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	309.2C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655669	ET218	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655766	ET163	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655618	ET115	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655730	ET160	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655822	ET150	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	309.2C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655877	ET248	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL 534Y	
KJ655606	ET089	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655652	ET313	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL	523DEL 524DEL 573.1C	
KJ655836	ET051	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	324T	521DEL	522DEL 523DEL 524DEL	
KJ655848	ET263	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	234R	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655735	ET090	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	195Y	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655623	ET301	F1a4a1	16129A	16172C	16294T	16304C	16362C	16519C	73G	152C	214R	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655687	ET155	F1a4a1-146	16129A	16172C	16294T	16304C	16362C	16519C	73G	146C	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655674	ET016	F1a4a1-146	16129A	16172C	16294T	16304C	16362C	16519C	73G	146C	152C	249DEL	263G	309.1C	309.2C	315.1C	521DEL 522DEL 523DEL 524DEL	
KJ655691	ET321	F1a4a1-16189	16129A	16172C	16189C	16193.1C	16193.2C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	309.2C 315.1C 521DEL 522DEL 523DEL 524DEL	
KJ655685	ET045	F1a4a1-16189	16129A	16172C	16189C	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655607	ET176	F1a4a1-16239	16129A	16172C	16239T	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655598	ET316	F1a4a1-16239	16129A	16172C	16239T	16294T	16304C	16362C	16519C	73G	152C	249DEL	263G	315.1C	521DEL	522DEL	523DEL 524DEL	
KJ655680	ET168	F1a4a1-16320	16129A	16172C	16294T	16304C	16320T	16362C	16519C	73G	152C	249DEL	263G	309.1C	309.2C	315.1C	521DEL 522DEL 523DEL 524DEL	
KJ655795	ET292	F1a4a1-16320	16129A	16172C	16294T	16304C	16320T	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655697	ET018	F1a4a1-16320	16129A	16172C	16294T	16304C	16320T	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655831	ET240	F1a4a1-16320	16129A	16172C	16294T	16304C	16320T	16362C	16519C	73G	152C	249DEL	263G	309.1C	315.1C	521DEL	522DEL 523DEL 524DEL	
KJ655721	ET269	F1a4a1-16320	16129A	16172C	16294T	16304C	16320T	16362C	16519C	73G	152C	249DEL	263G	309.1C	309.2C	315.1C	521DEL 522DEL 523DEL 524DEL	
KJ655829	ET181	F3b1a-71DEL	16093C	16220C	16265G	16298C	16311C	16362C	71DEL	73G	150T	152C	249DEL	263G	315.1C			
KJ676774	ET126	M-16192-16274-16362 (D6a*)	16192T	16223T	16274A	16362C	73G	263G	309.1C	315.1C	489C							
KJ655763	ET079	M10-417-16256	16223T	16256T	16311C	16519C	73G	263G	315.1C	417A	489C	523DEL	524DEL	573.1C	573.2C	573.3C	573.4C 573.5C	
KJ676790	ET110	M-152-174-299DEL-16093-16311 (M21b*)	16093C	16223T	16311C	16519C	73G	152C	174T	263G	299DEL	315.1C	489C					
KJ655615	ET021	M-152-417-16311	16223T	16311C	16519C	73G	152C	263G	315.1C	417A	489C	523DEL	524DEL					
KJ655620	ET227	M-152-417-16311	16223T	16311C	16519C	73G	152C	263G	315.1C	417A	489C	523DEL	524DEL					
KJ676780	ET257	M-146-195-215-519-16129-16311-16319 (Q3*)	16129A	16223T	16311C	16319A	73G	146C	195C	215G	263G	309.1C	315.1C	489C	519G			
KJ655774	ET196	M71a2-345-@16223	16129A	16140C	16271C	73G	143A	146C	151T	263G	309.1C	315.1C	345T	489C				
KJ676788	ET215	M73a-16192-16239-16354 (M73a*)	16184A	16192T	16223T	16239T	16245Y	16278T	16354T	73G	263G	309.1C	315.1C	489C				
KJ655673	ET129	M73a-16192-16239-16354	16184A	16192T	16223T	16239T	16278T	16354T	73G	263G	309.1C	315.1C	489C					
KJ655887	ET144	M7c1	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL				

KJ655743	ET223	M7c1	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	309.2C	315.1C	489C	523DEL	524DEL	
KJ655664	ET012	M7c1	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	523DEL	524DEL			
KJ655870	ET179	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	520T	523DEL	524DEL		
KJ655845	ET198	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	520T	523DEL	524DEL		
KJ655728	ET253	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	520T	523DEL	524DEL		
KJ655883	ET247	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	520T	523DEL	524DEL		
KJ655765	ET133	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	520T	523DEL	524DEL		
KJ655727	ET246	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	520T	523DEL	524DEL		
KJ655637	ET191	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	520T	523DEL	524DEL	
KJ655858	ET083	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	520T	523DEL	524DEL	
KJ655641	ET270	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	520T	523DEL	524DEL	
KJ655851	ET112	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	520T	523DEL	524DEL	
KJ655834	ET007	M7c1-520	16223T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	520T	523DEL	524DEL	
KJ655589	ET001	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	309.2C	315.1C	489C	523DEL	524DEL
KJ655755	ET183	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	309.2C	315.1C	489C	523DEL	524DEL
KJ655584	ET236	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655596	ET127	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655602	ET120	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655686	ET067	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655737	ET104	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655796	ET038	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655745	ET244	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655731	ET162	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655828	ET039	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655806	ET049	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655826	ET058	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	523DEL	524DEL		
KJ655703	ET031	M7c1-16295	16223T	16295T	16362C	73G	146C	199C	207A	263G	309.1C	315.1C	489C	523DEL	524DEL	
KJ655601	ET114	M7c1-16295	16223T	16295T	16362C	16519C	73G	146C	199C	217Y	263G	309.1C	315.1C	489C	523DEL	524DEL
KJ655707	ET077	M7c1-16295	16223T	16292T	16295T	16362C	16468C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL
KJ655679	ET122	M7c1-16295	16223T	16295T	16309G	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL
KJ655588	ET206	M7c1-16295	16185T	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL
KJ655725	ET137	M7c1-152-16295	16223T	16295T	16362C	16519C	73G	146C	152C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL
KJ655880	ET029	M7c1-152-16295	16223T	16295T	16362C	16519C	73G	146C	152C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL
KJ655714	ET178	M7c1-16189-16295	16189Y	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL	524DEL
KJ655835	ET055	M7c1-16189-16295	16189C	16223T	16295T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	523DEL	524DEL	
KJ655859	ET121	M7c1-16189-16295	16189C	16223T	16295T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	523DEL	524DEL	
KJ655852	ET145	M7c1-16189-16295	16189C	16193.1C	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C	489C	523DEL
KJ655626	ET061	M7c1-16189-16295	16189C	16193.1C	16223T	16295T	16362C	16519C	73G	146C	199C	263G	315.1C	489C	523DEL	524DEL
KJ655631	ET047	M7c1-16189-16295	16189C	16193.1C	16223T	16295Y	16311C	16362C	16519C	73G	146C	199C	263G	315.1C	489C	523DEL
KJ655816	ET224	M7c1-16189-16295	16086C	16183C	16189C	16193.1C	16223T	16295T	16362C	16519C	73G	146C	199C	263G	309.1C	315.1C
KJ655653	ET317	M7c1-143-16189-16295	16189C	16223T	16295T	16362C	16519C	73G	143A	146C	199C	263G	309.1C	309.2C	315.1C	489C
KJ655860	ET164	M7c1-143-16189-16295	16189C	16193.1C	16193.2C	16223T	16295T	16362C	16519C	73G	143A	146C	199C	263G	309.1C	309.2C
KJ655849	ET265	M7c1-143-16189-16295	16183C	16189C	16193.1C	16223T	16295Y	16362C	16519C	73G	143A	146C	199C	263G	309.1C	309.2C
KJ655844	ET060	M7c1-143-16189-16295	16183C	16189C	16193.1C	16223T	16295T	16362C	16519C	73G	143A	146C	199C	263G	309.1C	315.1C
KJ655666	ET033	N21a-16319-@16193	16223T	16291T	16319A	16519C	73G	150T	195C	263G	309.1C	315.1C	337DEL			
KJ655681	ET209	N21a-16319	16193T	16223T	16291T	16319A	16519C	73G	150T	195C	200G	263G	309.1C	315.1C	337DEL	
KJ676777	ET064	P1 (P1d*)	16176T	16266T	16357C	73G	212C	263G	315.1C							
KJ676782	ET139	P1-152-235-16156-16169-16311 (P1d*)	16189Y	16156A	16169T	16176T	16266T	16311C	16357C	73G	152C	212C	235G	263G	315.1C	
KJ676784	ET167	P1-152-235-16156-16169-16311 (P1d*)	16156A	16169T	16176T	16266T	16311C	16357C	73G	152C	212C	235G	263G	315.1C	524.1A	524.2C
KJ676787	ET014	P1-16526 (P1d*)	16176T	16266T	16357C	16526A	73G	212C	263G	315.1C						
KJ676781	ET017	P1-16526 (P1d*)	16176T	16266T	16357C	16526A	73G	212C	263G	315.1C	524.1A	524.2C				
KJ676776	ET005	P1-152-246-508-16239-@212-@16176 ("P1e"*)	16239T	16266T	16357C	73G	152C	246C	263G	315.1C	508G					
KJ676779	ET154	P1-152-246-508-16239-@212-@16176 ("P1e"*)	16239T	16266T	16357C	73G	152C	246C	263G	315.1C	508G					
KJ676785	ET284	P1-152-246-508-16239-@212-@16176 ("P1e"*)	16239T	16266T	16357C	73G	152C	246C	263G	315.1C	508G					
KJ676775	ET232	P1-152-246-508-16239-@212-@16176 ("P1e"*)	16239T	16266T	16357C	73G	152C	246C	263G	315.1C	508G					
KJ676789	ET072	P1-152-246-508-16239-@212-@16176 ("P1e"*)	16239T	16266T	16357C	73G	152C	246C	263G	315.1C	508G					
KJ655820	ET260	P1-152-246-508-16239-@212-@16176	16239T	16266T	16357C	73G	152C	185T	246C	263G	315.1C	508G				
KJ655640	ET252	P1-152-246-508-16239-@212-@16176	16239T	16266T	16357C	73G	152C	246C	263G	315.1C	508G					
KJ676783	ET300	R-16093-16311-16357 (P1d*)	16093C	16311C	16357C	73G	263G	315.1C								
KJ676786	ET156	R-16093-16311-16357 (P1d*)	16093C	16311C	16357C	73G	150T	263G	315.1C							
KJ655677	ET100	Q1	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	73G	89C	92A	146C	263G	309.1C
KJ655661	ET146	Q1	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	73G	89C	92A	146C	263G	309.1C
KJ655613	ET208	Q1@146	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	73G	89C	92A	263G	315.1C	489C
KJ655869	ET175	Q1@146	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	73G	89C	92A	263G	315.1C	489C
KJ655649	ET143	Q1@92-@146	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	16445C	73G	89C	263G	315.1C	489C
KJ655629	ET318	Q1@89-@92	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	73G	146C	263G	309.1C	315.1C	489C
KJ655604	ET020	Q1@89-@92	16129A	16144C	16148T	16223T	16241G	16265C	16311C	16343G	73G	146C	263G	309.1C	315.1C	489C

\*classified after complete mitogenome sequencing (cf. Additional file 4)  
# postulated novel clade

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