

	D-XrDr2/D-XrDr9/XrDr2	XrD-F/XrD-Pf	XrDf1
<i>X. fastidiosa</i> subsp. <i>fastidiosa</i> -AF192343 (PCE-RR)	1:CGGACGGCAGCACAITGGTA--IIIIIIACCATGGG	AAGCAGGGGACCTTAGC	TTGTGCGATTGGATGAGCC
-AB009442 (Temecula1)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		GCC
-AF536764 (ELM-1)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF536770 (ALS-BC)	1:.....G.....TCA.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-CP001011 (M23)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-CP002165 (GB514)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-CP006696 (Ann 1)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-CP006740 (MUL0034)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>X. fastidiosa</i> subsp. <i>multiplex</i> -CP000941 (M12)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF159577 (OSL92-3)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF159578 (FWT-22)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF203388 (PL.788)*	1:A.....G.....-CG...T.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF536761 (PLM G83)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF536762 (RGW-R)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-DQ991188 (2-5)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-DQ991190 (4BD2)	1:.....C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-DQ991192 (SLS27)	1:.....T.....-GTAAT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>X. fastidiosa</i> subsp. <i>pauca</i> -AE003849 (9a5c)	1:.....G.....-TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF203390 (CO.01)	1:.....G.....-TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-AF536767 (CMI)	1:.....G.....-TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
-LM994844 (1408)	1:NNNNN.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>X. taiwanensis</i> -AF203392 (PE. PLS)*	1:A.....G.....-CG...T.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
(Other bacteria)			
<i>Xanthomonas albilineans</i> -X95918	1:A.....G.....-C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Xanthomonas arboricola</i> -Y10757	1:A.....G.AAG.GCT.GC.CTT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Xanthomonas campestris</i> -AE008922	1:A.....G.AAG.GCT.GC.CTT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Xanthomonas oryzae</i> -X95921	1:A.....G.AAG.GCT.GC.CTT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Xanthomonas citri</i> -CP003778	1:A.....G.AAG.GCT.GC.CTT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Aquimonas voraii</i> -AY544768	1:A.....G.GGG..C.....C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Arenimonas donghaensis</i> -DQ411038	1:AG.....G..AG.GCT.GC.CT.....C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Dokdonella koreensis</i> -AY987368	1:AG.....G.GGG..C.....C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Dyella japonica</i> -AB110498	1:A.....GCA...-C.....TG.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Frateuria aurantia</i> -AE091194	1:A.....G-CAG.GCT.GC.-TG.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Fulvimonas soli</i> -AJ311653	1:A.....G-A.G.GCT.GC.-T.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Luteibacter rhizovicinus</i> -AJ580498	1:A.....G-CAG.GCT.GC.-TG.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Luteimonas mephitis</i> -AJ012228	1:A.....A...G.GCT.GC.-C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Lysobacter enzymogenes</i> -AJ298291	1:A.....G-A.G.GCT.GC.-T.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Metallibacterium scheffleri</i> -HQ909259	1:AG.....G.GGG..C.....C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Pseudoxanthomonas broegbernensis</i> -AJ012231	1:A.....G..AG.GCT.GC.-TC.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Rudaea cellulolytica</i> -EU741687	1:A.....GCA...-C.....TG.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Stenotrophomonas maltophilia</i> -AB294555	1:A.....G..AG.GCT.GC.-TC.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Thermomonas haemolytica</i> -AJ300185	1:A.....G-T.G.GCT.GC.-.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Burkholderia cepacia</i> -U96927	1:A.....GGGT.CT----TG.ACCT.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Erwinia amylovora</i> -AJ233410	1:A...T...G-AG.GCT.GC.-T.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Escherichia coli</i> -X80725	1:A...T.A...GGA-A.C.GCT.GC.G-T-T.C.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		
<i>Ralstonia pickettii</i> -AY741342	1:A.....TGA-TC..GCT.GC.-G..T.A.....TGGCAGTGGCGGACGGGTGAGGAATACATCGGAATACCTTATCTGTTGGGGACAACTAGGGAAACTACGCTAATAACGCATACGACCTACGGGTG		