Sequence type, (Isolate ID)	GI No. 1 upstream *dusC*, approx. pos. 38,000	GI No. 2 downstream *dusC*, approx. pos. 38,000	GI No. 3, approx. pos. 40-80,000	GI No. 4, approx. pos. 170,000,	GI No. 5, approx. pos. 280,000	GI No. 6 (*ssl*/*lpl*), approx. position 400,000	GI No. 7, approx. pos. 900,000	GI No. 8, pos. 1,500,000	GI No. 9 (*egc* and *lukD/E*) approx. pos. 1,800,000	GI No. 10 (*sspP/sspS*), approx. pos. 2,000,000	GI No. 11, approx. pos. 2,500,000	GI No. 12, approx. pos. 2,530,000	GI No. 13 (st´xanthin), approx. position 2,650,000	GI No. 14, approx. pos. 2,770,000
ST2990 (27-G-H)	Q7A899, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2*	Q6GKK6, Q7A890	*lpl*, *hysA*. 5 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, DUF600, a 2nd copy of *essC*, 2 copies of DUF600, Q1Y4R3, DUF600, ADI96784, DUF4064, DUF5084, 2 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2	*appA, appD, appF, appB, appC*	negative	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, fstAT, AJP22988, DUF1433, DUF1433, Q6GFP5, A0A0E1X646, Q6GFP3, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*D2-1, *spl*D2-2, *spl*C, *spl*A, A6QHZ7, *ear*2, *sprB*, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *sprC*1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, 3 copies of *lpl*sauUSI, nudix	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST3268 (Ma2/A14043)	mcrB, mcrC, tnp_IS1, tnp_IS232, Q6GD44, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, sqr	Q6GKK6, *ycjY*, G7ZTC1, Q2YUT3	3 copies of *lpl*	Q5HJH7-trnc	Transposon with the penicillinase operon, followed by 3copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, *lpl*7, istB2 IS232, tnp_IS232	*appA, appD, appF, appB, appC*	Q2YY95, *sagD, sagC, nfnB*, D9RHF6, Q2YYD5, D9RHF8, *stsA*, tnp IS232, tnp_IS200	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, DUF1433, *hysA*, DUF1433, ERS140266_RS01930, *hsd*S/M-*spl*, *ear*2, *sprB*, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *sprC*1, Q2FXA9, Q2FXA8, Q99T51, A6U2S7, Q7A4X2, *seg/n/u/i/m/o*	*sspP/sspS*	teg131, sau96I, dcm_Sau96I	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST4168 (16CS0209)	tnp_ISSha1, C2G7A0, Q6GKL3, C2G798, UPI0001C11B31, Q6GKL1, tnp_IS232, Q6GD44	Q6GKK6, Q7A890	*lpl*	Q5HJH7-trnc	A0A0E0VL30, DUF5082, UPI0001C11B8A, Q1Y4R2, Q6GK19, DUF5085, Q1Y4R3, 2 copies of DUF600, Q1Y4R2, Q1Y4R3, Q9L3N6, 4 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*05, *ssl*07, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 4 copies of *lpl*, *lipC3*,	*oppC-GI-RF122, oppD-GI-RF122, oppF-GI-RF122, oppA-GI-RF122*	Q931R4	Q5HEX7, A5ITW8, Q5HEX3, *sprA*, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D2, *spl*C/B/A, *ear*2, *epiG*, ERS140266 RS14190, *epiF*, epiD, *epiC*, *epiB*, *epiA*, *lukD/E*, *sprC*1, Q6GFN4, tnp_IS1, Q7A4X2, *seg/n/u/i/m/o*	*sspP/sspS*	teg131	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7687 (01-RR-86)	Q7A899, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2* (*as in CC5/8*)	Q6GKK6, Q7A890	3 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	A0A0E0VL30, DUF5082, UPI0001C11B8A, Q6GK19, DUF5085, Q1Y4R3, Q9L3N6, DUF600, Q1Y4R2, 3 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	Q2YY95, *sagD, sagC, nfnB*, D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, DUF955, Q5HEX3, DUF1433, *sprA*, AJP22988, 3 copies of DUF1433, *hsd*S/M-*spl*, *spl*F, *spl*C/B/A, A6QHZ7, *ear2, sprB, epiG*, A5ITY2, A5ITY3, *lukD/E, sprC1*, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, Q5HD68, D2NA72, *lipC3*, 3 copies of *lpl*, sauS0385, dcm_SauS0385	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7688 (05-RR-90)	Q7A899, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2*	Q5HJT2, Q6GD34, A6QD75, A6QD76, A8YZ18, Q6GKK6, *ycjY*, G7ZTC1, Q7A890, Q2YUT3	3 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, Q1Y4R2, Q1Y4R3, and 8 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 3 copies of *lpl*, tnp_IS232, istB2_IS232, 3 copies of *lpl*, *lipC3* SAV0446	*appA, appD, appF, appB, appC*	D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, 4 copies of DUF1433, *hysA*, Q5HE01, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, *epiG*, A5ITY2, A5ITY3, lukD, lukE	*sspP/sspS*	teg131, 2 copies of *lpl*, Q5HD68, D2NA72, *lipC3*, 2 copies of *lpl*, dcm_Sau3AI, sau3AI	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7689 (08-G-E)	Q6GD44	Q6GKK6, Q7A890	2 copies of *lpl*, *lipC3*	Q5HJH7, Q9RL82, A6QDI2	*essC, esxB, esaE, essD, essD*, Q1Y4R2, Q1Y4R3, 3 copies of DUF600, Q1Y4R2, Q1Y4R3, 2 copies of DUF600, ADI96784, DUF4064, DUF5084, 3 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	negative	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, tnp_IS3, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*D1, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, A5ITY2, *lukD/E*, Q2FXA9, Q2FXA8, Q99T51, A6U2S7, Q7A4X2, *seg/n/u/i/m/o*	*sspP/sspS*	teg131, 2 copies of *lpl*, Q5HD68, D2NA72, *lipC3*, 3 copies of *lpl*, sauUSI, nudix	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7690 (09-G-F)	Q7A899, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2*	Q5HJT2, Q6GD34, A6QD75, A6QD76, A8YZ18, Q6GKK6, *ycjY*, tnp-Q6GH59, tnp-Q6GJF3, Q7A890	3 copies of *lpl*, *hysA*, 3 copies of *lpl*	Q5HJH7, tnp-Q6GH59, tnp-Q6GJF3	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, 4 copies of DUF600, Q1Y4R2, Q1Y4R3, 4 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	negative	Q6GFQ3, DUF955, Q5HEX3, istB2_IS232, tnp IS232, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *sprC*1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, 4 copies of *lpl* istB2_IS232, tnp_IS232, Q5HD68, D2NA72, *lipC3*, *lpl*, sauS0385, dcm_SauS0385	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7691 (13-G-52)	Q6GD44	Q6GKK6, Q7A890	2 copies of *lpl*, *lipC3*	Q5HJH7, Q9RL82, A6QDI2	*essC, esxB, esaE, essD, essD*, TIGR01741, Q1Y4R2, Q1Y4R3, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	negative	Q6GFQ3, DUF955, Q5HEX3, tnp_IS3, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*D1, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, A5ITY2, *lukD/E*, Q2FXA9, Q2FXA8, Q99T51, A6U2S7, Q7A4X2, *seg/n/u/i/m/o*	*sspP/sspS*	teg131, *lpl*, Q5HD68, D2NA72, *lipC3*, 3 copies of *lpl*sauUSI, nudix	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7692 (17-H-61)	Q6GD44	Q5HJT2, Q6GD34, A6QD75, A6QD76, A8YZ18, Q6GKK6, *ycjY*, G7ZTC1, Q7A890, Q2YUT3	4 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q9L3N6, 2 copies of DUF600, Q1Y4R3, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 5 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	Q2YY95, *sagD, sagC, nfnB*, D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, AJP22988, DUF1433, DUF1433, DUF1433, DUF1433, *hysA*, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, *epiG*, A5ITY2, A5ITY3, *lukD/E*, A6U2S7, Q7A4X2, Q99T51, int-2b	*sspP/sspS*	teg131, 4 copies of *lpl* Q5HD68, D2NA72, *lipC3*_SACOL2496, 2 copies of *lpl* dcm_Sau3AI, sau3AI	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7693 (29-P-01)	negative	Q6GKK6, *ycjY*, G7ZTC1, Q7A890, Q2YUT3	*lpl*	Q5HJH7, Q9RL82, A6QDI2	*essC, esxB, esaE, esxD, essD*, TIGR01741, Q1Y4R2, Q1Y4R3, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*appA, appD, appB, appC*	negative	Q6GFQ3, DUF955, Q5HEX3, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, A5ITY2, *lukD/E*, A6U2S7, Q7A4X2, Q99T51, int-2b	*sspP/sspS* *sspP/sspS*	teg131, Q5HD68, D2NA72, *lipC3*, *lpl*, tx universal3, dcm SauRF122, sauRF122, zoo28neu_002509	Q5HJU6, sarT, sarU	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7694 (40-B-50)	negative	Q6GKK6, *ycjY*, G7ZTC1, Q7A890, Q2YUT3	5 copies of *lpl*	Q5HJH7-trnc	*essC, esxB, esaE, esxD, essD*, TIGR01741, Q1Y4R2, Q1Y4R3, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2	*appA, appD, appF, appB, appC*	D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*D1, *spl*C/B/A, A6QHZ7, *ear2*, *sprB*, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *sprC*1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, 4 copies of *lpl* sauUSI, nudix	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7695 (16CS0212)	Q6GKL6	Q5HJT2, Q6GD34, A6QD75, A6QD76, A8YZ18, Q6GKK6, *ycjY*, G7ZTC1	*lpl*	Q5HJH7, Q9RL82, A6QDI2	*essC, esxB, esaE, esxD, essD*, Q1Y4R2, Q1Y4R3, DUF600, Q1Y4R2, Q1Y4R3, Q9L3N6, DUF600, ADI96784, DUF4064, DUF5084	*ssl*01, *ssl*02, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 5 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	negative	Q5HEX7, A5ITW8, *sprA*, DUF1433, *hysA*, DUF1433, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*D2, *spl*E, *spl*C/B/A, *ear2*, *epiG*, ERS140266 RS14190, epiE/F/P/D/C/B/A, bsaX, *lukD/E*, *sprC*1, Q2FXA9, Q2FXA8	*sspP/sspS*	teg131, BDS-53E_002366, *lpl*, Q5HD68, D2NA72, *lipC3*, 2 copies of *lpl* dcm_Sau3AI, sau3AI	negative	negative	negative

Sequence type, (Isolate ID)	GI No. 1 upstream *dusC*, approx. pos. 38,000	GI No. 2 downstream *dusC*, approx. pos. 38,000	GI No. 3, approx. pos. 40-80,000	GI No. 4, approx. pos. 170,000,	GI No. 5, approx. pos. 280,000	GI No. 6 (*ssl*/*lpl*), approx. position 400,000	GI No. 7, approx. pos. 900,000	GI No. 8, pos. 1,500,000	GI No. 9 (*egc* and *lukD/E*) approx. pos. 1,800,000	GI No. 10 (*sspP/sspS*), approx. pos. 2,000,000	GI No. 11, approx. pos. 2,500,000	GI No. 12, approx. pos. 2,530,000	GI No. 13 (st´xanthin), approx. position 2,650,000	GI No. 14, approx. pos. 2,770,000
ST7745 (03-RR-88)	*lrpC*, Q6GD44	Q6GKK6, Q7A890	5 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	Q6GK23, Q6GK22, Q6GK21, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, TIGR01741, 2 copies of DUF600, ADI96784, DUF4467, DUF4064, DUF5084, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, *lpl_locus-0450*, tnp_IS232, istB2_IS232, *lipC3*_SAA6159_00398	*appA, appD, appF, appB, appC*	Q2YY95, *sagD, sagC, nfnB*, D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, DUF1433, *sprA*, AJP22988, 2 copies of DUF1433, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *spr*C1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, Q5HD68, D2NA72, *lipC3*, *lpl*, dcm SauRF122, sauRF122	negative	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7746 (07-G-D)	Q7A899, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2*	Q5HJT2, Q6GD34, A6QD75, A6QD76, A8YZ18, Q6GKK6, *ycjY*, G7ZTC1, Q7A890	6 copies of *lpl*	A5IP65, A5IP66, A5IP67, A5IP68, A5IP69, A5IP70, A5IP71, A5IP72, A6TXY8, A5IP73, A6QDI2	A0A0Z1N098, A0A0U0VFZ6, A0A122YW60, ADI96784, DUF4064, DUF5084, Q1Y4R2, Q1Y4R3, Q9L3N6, 2 copies of DUF600, Q1Y4R2, Q1Y4R3, 2 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2	*appA, appD, appF, appB, appC*	negative	DUF1433, *hysA*, 2 copies of DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *spr*C1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, 2 copies of *lpl*, Q5HD68, D2NA72, *lipC3*, *lpl*, tnp_IS232, istB2_IS232, 2 copies of *lpl*, D2NA72, *lipC3*, *lpl*, sauS0385, dcm_SauS0385	negative	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7747 (12-G-51)	H0CD41, D2N3D1, C2G7A0, Q6GKL3, C2G798, UPI0001C11B31, D2N3E0, Q6GKL1, tnp_IS232, Q6GD44 *Similar as in CC398 (except for some tnps)*	Q6GKK6, Q7A890	*lpl*, *hysA*, 2 copies of *lpl*, istB2 IS232, tnp_IS232, *lpl*	Q5HJH7, Q9RL82, A6QDI2	A0A0E0VL30, DUF5082, UPI0001C11B8A, Q1Y4R2, Q6GK19, DUF5085, Q1Y4R3, Q9L3N6, DUF600, Q1Y4R2, Q1Y4R3, 3 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, istB2_IS232, tnp_IS232, 3 copies of *lpl*	*appA, appD, appF, appB, appC*	Q2YY95, *sagD, sagC, nfnB*, D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, DUF1433, *hysA*, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, ERS140266 RS14190, epiE/F/P/D/C/B/A, bsaX, *epiA*, *lukD/E*, Q2YTQ0, Q6GFN4, tnp IS1, A6U2S7, Q7A4X2, Q99T51	*sspP/sspS*	teg131, *lpl*, Q5HD68, D2NA72, *lipC3*, *lpl*, sauS0385, dcm_SauS0385	A8YYP8	negative	negative
ST7748 (15-G-54)	Q6GD44	Q6GKK6, Q7A890	2 copies of *lpl*, *lipC3*	Q5HJH7, Q9RL82, A6QDI2	*esxC, esxB, esaE, esxD, essD,* TIGR01741, Q1Y4R2, Q1Y4R3, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*oppB-GI-RF122, oppC-GI-RF122, oppD-GI-CIG93, oppF-GI-RF122, oppA-GI-RF122*	negative	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, tnp_IS3, tnp_IS3, r122, *spr*A, DUF1433, Q2FXD2, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, A5ITY2, *lukD/E*, Q2FXA9, Q2FXA8, Q99T51, A6U2S7, Q7A4X2, *seg/n/u/i/m/o*	*sspP/sspS*	teg131, BDS-53E_002366, *lpl*, Q5HD68, D2NA72, *lipC3*, 2 copies of *lpl*, dcm_Sau3AI, sau3AI	Q5HJU6, sarT, sarU	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7749 (18-H-62)	*hsd*M5, *hsd*R5, Q6GKL3, C2G798, D2N3E0, Q6GKL1, tnp_IS232, Q6GD44	Q6GKK6, Q7A890	3 copies of *lpl*, *hysA*, 3 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, 2 copies of DUF600, Q1Y4R2, Q1Y4R3, 2 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 6 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, ERS140266_RS14190, epiE/F/P/D/C/B/A, *lukD/E*, *spr*C1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, BDS-53E 002366, 2 copies of *lpl* Q5HD68, D2NA72, *lipC3* SACOL2496, 2 copies of *lpl* dcm_Sau3AI, sau3AI	A8YYP8	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7750 (26-G-G)	H0CD41, D2N3D1, Q6GD44	Q6GKK6	3 copies of *lpl*, *lipC3*	A5IP65, A5IP66, A5IP67, A5IP68, A5IP69, A5IP70, A5IP71, A5IP72, A6TXY8, A5IP73	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, 3 copies of DUF600, ADI96784, DUF4467, DUF4064, DUF5084, 4 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 3 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	Q2YY95, *sagD, sagC, nfnB*, D9RHF6, Q2YYD5, D9RHF8, *stsA*	DUF1433, *hysA*, DUF1433, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *spr*C1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, BDS-53E 002366, 2 copies of *lpl* Q5HD68, D2NA72, *lipC3*, 2 copies of *lpl*, dcm_Sau3AI, sau3AI	A8YYP8, *sasG, sarT, sarU*	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7751 (28-G-I)	C2G7A0, Q6GKL3, C2G798, UPI0001C11B31, D2N3E0, Q6GKL1, Q6GD44	Q6GKK6, *ycjY*, G7ZTC1, Q7A890	*lpl*, *hysA*. 4 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	*esxC, esxB, esaE, esxD, essD,* Q1Y4R2, Q1Y4R3, Q9L3N6, 2 copies of DUF600, Q1Y4R2, Q1Y4R3, TIGR01741, DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 3copies of *lpl*	*appA, appD, appF, appB, appC*	negative	Q5HEX7, A5ITW8, DUF955, Q5HEX3, DUF1433, *sprA*, DUF1433, DUF1433, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, A5ITY2, A5ITY3, *lukD/E*, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	teg131, *lpl*, Q5HD68, D2NA72, *lipC3*, 3 copies of *lpl*dcm_Sau3AI, sau3AI	Q5HJU6, sarT, sarU	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7752 (30-P-10)	Q7A899, *dusC*-trnc, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2*	Q5HJT2, Q6GD34, A6QD75, A6QD76, A8YZ18, Q6GKK6, *ycjY*, G7ZTC1	5 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	A0A0Z1N098, A0A0U0VFZ6, A0A122YW60, ADI96784, DUF4064, DUF5084, Q1Y4R2, Q1Y4R3, Q9L3N6, 2 copies of DUF600, Q1Y4R2, Q1Y4R3, 4 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*06, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 5 copies of *lpl, lipC3*	*appA, appD, appF, appB, appC*	negative	Q5HEX7, A5ITW8, Q6GFQ3, DUF955, Q5HEX3, fstAT, AJP22988, DUF1433, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, A5ITY2, A5ITY3, *lukD/E*	*sspP/sspS*	teg131, *lpl*-locus-2500, dcm_Sau3AI, sau3AI	A8YYP8	*cbiQ, cbiO*, UPF0397, DUF62	negative
ST7753 (32-T-13)	*mcrC, dhlC*-trnc, Q6GD44	Q6GKK6, Q7A890	6 copies of *lpl*	Q5HJH7, Q9RL82, A6QDI2	*esxC, esxB, esaE, esxD, essD,* Q1Y4R2, Q1Y4R3, 3 copies of DUF600, Q1Y4R2, Q1Y4R3, 2 copies of DUF600, ADI96784, DUF4064, DUF5084, 3 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, tnp IS232, istB2 IS232, 4 copies of *lpl*,	*appA, appD, appF, appB, appC*	D9RHF6, Q2YYD5, D9RHF8, *stsA*	Q6GFQ3, DUF955, Q5HEX3, *sprA*, DUF1433, Q6GFP5, A0A0E1X646, *hsd*S/M-*spl*, *spl*F, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, A5ITY2, *lukD/E*, Q2FXA9, Q2FXA8, Q99T51, A6U2S7, Q7A4X2, *seg/n/u/i/m/o*	*sspP/sspS*	teg131, Q5HD68, D2NA72, *lipC3*, *lpl*, tx universal3, dcm_SauRF122, sauRF122	A8YYP8	*cbiQ, cbiO*, UPF0397, DUF62	*cna*
ST7754 (39-B-49)	C1PH94, C1PH95, istB2_IS232, tnp IS232, lrpC, Q6GD44, tnp_IS1272, DUF81-GI, *cstR/A/B*-GI, *sqr, yxiE2*	Q6GKK6, Q7A890	*lpl*, *lipC3*	Q5HJH7, Q9RL82, A6QDI2	Q6GK23, Q6GK22, Q6GK21, Q2G192, Q6GK19, Q6GK18, Q6GK17, Q9L3N6, 2 copies of DUF600	*ssl*01, *ssl*02, *ssl*03, *ssl*04, *ssl*05, *ssl*07, *ssl*08, *ssl*09, *ssl*10, *hsd*M/S-*ssl*, *ssl*11, *slaP*, Q2G0X2, 3 copies of *lpl*, *lipC3*	*appA, appD, appF, appB, appC*	Q931R4	Q6GFQ3, DUF955, Q5HEX3, tnp IS3, tnp_IS3, r122, *spr*A, DUF1433, Q2FXD2, *hsd*S/M-*spl*, *spl*F, *spl*E, *spl*D1, *spl*C/B/A, A6QHZ7, *ear*2, *spr*B, *epiG*, A5ITY2, A5ITY3, *lukD/E*, *spr*C1, Q2FXA9, Q2FXA8, Q7A4X2	*sspP/sspS*	Q5HD68, D2NA72, *lipC3*, 2 copies of *lpl* sauUSI, nudix	negative	*cbiQ, cbiO*, UPF0397, DUF62	*cna*