Table S1

Locus	Description
Duplicated genes	
SMU_1024c	putative transposase fragment
SMU_106c	putative transposase fragment
SMU_1347c	conserved hypothetical protein; possible permease
SMU_1348c	putative ABC transporter, ATP-binding protein
SMU_1365c	hypothetical protein; possible permease
SMU_1366c	putative ABC transporter; ATP-binding protein
SMU_1370c	putative transposase, IS150-like
SMU_1379	Transposase and inactivated derivatives
SMU_1380	No description
SMU_1407c	putative transposase, ISSmu1
SMU_1408c	conserved hypothetical protein
SMU_1505c	hypothetical protein
SMU_175	hypothetical protein
SMU_1893c	putative transposase, ISSmu1
SMU_1894c	Transposase and inactivated derivatives
SMU_1899	putative ABC transporter, ATP-binding and permease protein (fragment)
SMU_2003	Ribosomal protein S13
SMU_285	hypothetical protein
SMU_436c	putative transposase, ISSmu1
SMU_437c	No description
SMU_565c	putative transposase, ISSmu1
SMU_566c	No description
SMU_767	putative transposase, ISSmu1
SMU_875c	putative transposase, IS150-like
SMU_r07	rRNA
SMU_r08	rRNA
SMU_r09	rRNA
SMU_r10	rRNA
SMU_r11	rRNA
SMU_r12	rRNA
SMU_r13	rRNA
SMU_r14	rRNA
SMU_r15	rRNA
SMU_t43	tRNA
SMU_t45	tRNA
SMU_t47	tRNA

SMU_t49	tRNA
SMU_t53	tRNA
SMU_t55	tRNA
SMU_t57	tRNA
SMU_t59	tRNA

Small genes

SMU_1231c	hypothetical protein
SMU_1808c	putative integrase fragment
SMU_2053c	hypothetical protein
SMU_68	hypothetical protein
SMU_t01	tRNA
SMU_t02	tRNA
SMU_t03	tRNA
SMU_t04	tRNA
SMU_t05	tRNA
SMU_t06	tRNA
SMU_t07	tRNA
SMU_t08	tRNA
SMU_t09	tRNA
SMU_t10	tRNA
SMU_t11	tRNA
SMU_t12	tRNA
SMU_t13	tRNA
SMU_t14	tRNA
SMU_t15	tRNA
SMU_t16	tRNA
SMU_t17	tRNA
SMU_t18	tRNA
SMU_t19	tRNA
SMU_t20	tRNA
SMU_t21	tRNA
SMU_t22	tRNA
SMU_t23	tRNA
SMU_t24	tRNA
SMU_t25	tRNA
SMU_t26	tRNA
SMU_t27	tRNA
SMU_t28	tRNA
SMU_t29	tRNA
SMU_t30	tRNA

SMU_t31	tRNA
SMU_t32	tRNA
SMU_t33	tRNA
SMU_t34	tRNA
SMU_t35	tRNA
SMU_t36	tRNA
SMU_t37	tRNA
SMU_t38	tRNA
SMU_t39	tRNA
SMU_t40	tRNA
SMU_t41	tRNA
SMU_t42	tRNA
SMU_t43	tRNA
SMU_t44	tRNA
SMU_t45	tRNA
SMU_t46	tRNA
SMU_t47	tRNA
SMU_t48	tRNA
SMU_t49	tRNA
SMU_t50	tRNA
SMU_t51	tRNA
SMU_t52	tRNA
SMU_t53	tRNA
SMU_t54	tRNA
SMU_t55	tRNA
SMU_t56	tRNA
SMU_t57	tRNA
SMU_t58	tRNA
SMU_t59	tRNA
SMU_t60	tRNA
SMU_t61	tRNA
SMU_t62	tRNA
SMU_t63	tRNA
SMU_t64	tRNA
SMU_t65	tRNA