

Supplementary Table 20 NRPS and PKS domain structure		
NRPS and related genes		
An13g03040	single module NRPS	APC
An03g06010	NRPS	APCA
An15g07910	NRPS	APCA
An04g06260	NRPS	APCAP
An03g00650	NRPS	APCAPC
An09g01690	NRPS	APCAPC
An11g00050	NRPS	APCAPCAPC
An06g01300	sidC orthologue	APCAPACPCPC
An05g01060	NRPS	APCAPCAPCAPC
An12g02840	NRPS	APCAPCAPCAPC
An16g06720	NRPS - unusual first module	ACPAPCAPCAPCAPC
An15g07530	NRPS	APCAPCAPCAPCAPC
An08g02310	NRPS	APCAPCAPCP
An12g07230	NRPS	APCAPCAPTE
An02g05070	NRPS	APCPC
An03g03520	NRPS Sid2/sidD orthologue	APCPC
An02g00840	AMP-binding enzyme	A
An08g04820	AMP-binding enzyme	A
An12g02750	AMP-binding enzyme	A
An13g02460	AMP-binding enzyme	A
An04g01150	NRPS related	A-DH
An16g00600	NRPS related	AP
An01g11770	NRPS related	AP
An04g04380	NRPS related	AP-DH
An02g00210	NRPS related	AP-DH
An03g05680	NRPS related	AP-DHT
An01g06890	fum14 - NRPS related	C
An09g05130	NRPS related	AP-TE
An02g10140	NRPS related	A-TE
An08g09220	NRPS related	PC
An09g00520	NRPS related	PCAP
PKS and related genes		
An01g01130	PKS	KS-AT-DH
An01g06930	PKS	KS-AT-DH
An02g00450	PKS	KS-AT-DH
An02g09430	PKS	KS-AT-DH
An03g05140	PKS	KS-AT-DH
An03g06380	PKS	KS-AT-DH
An04g04340	PKS	KS-AT-DH
An04g09530	PKS	KS-AT-DH
An04g10030	PKS	KS-AT-DH
An09g01290	PKS	KS-AT-DH
An09g01930	PKS	KS-AT-DH
An09g05340	PKS	KS-AT-DH
An11g03920	PKS	KS-AT-DH
An11g04280	PKS	KS-AT-DH
An11g05570	PKS	KS-AT-DH
An11g05940	PKS	KS-AT-DH
An11g09720	PKS	KS-AT-DH
An12g02670	PKS	KS-AT-DH
An12g02730	PKS	KS-AT-DH
An12g07070	PKS	KS-AT-DH

An13g02430	PKS	KS-AT-DH
An15g04140	PKS	KS-AT-DH
An15g05090	PKS	KS-AT-DH
An15g07920	PKS - A. ochraceus ochratoxin	KS-AT-DH
An03g01820	PKS	KS-AT-P
An09g01860	PKS	KS-AT-P
An10g00140	resembles PKS for 6-MSA	KS-AT-P
An11g07310	PKS	KS-AT-P
An12g02050	PKS	KS-AT-P
An03g05440	PKS	KS-AT-P-TE
An09g05730	wA/alb1 orthologue	KS-AT-P-TE
An01g06950	PKS related	KS-AT
An07g01030	PKS related	KS-AT
An13g02960	truncated PKS	KS-AT-?
PKS-NRPS hybrid genes		
An14g04850	hybrid NRPS-PKS	AP-KS-AT-P
An08g03790	Hybrid PKS-NRPS	KS-AT-CA
An11g00250	hybrid PKS-NRPS	KS-AT-CAP
An14g01910	hybrid PKS-NRPS	KS-AT-CAP
An02g08290	hybrid PKS-NRPS	KS-AT-DH-CAP
An11g06460	hybrid PKS-NRPS	KS-AT-DH-CAP
An18g00520	Hybrid PKS-NRPS	KS-AT-DH-CAP
Domains are: A, adenylation, P pantothenylation; C condensation,		
KS ketosynthase, AT acyltransferase		