

| Supplementary Table 20 NRPS and PKS domain structure | | |
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| 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 |

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| An13g02430 | PKS | KS-AT-DH |
| An15g04140 | PKS | KS-AT-DH |
| An15g05090 | PKS | KS-AT-DH |
| An15g07920 | PKS - <i>A. ochraceus</i> 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 |
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| Domains are: A, adenylation, P pantothenylation; C condensation, | | |
| KS ketosynthase, AT acyltransferase | | |