KS pHMM (12 protein sequences) CLF pHMM (12 protein sequences) HMMER3 pHMM scores HMMER3 pHMM scores 900 900 8 200 200 0 8 TypeII CLF Type I PKS TypeII CLF Type I PKS TypeII KS FabF FabH Aurachin FabF TypeII KS Aurachin FabH ACP pHMM (12 protein sequences) AT pHMM (7 protein sequences) 200 900 HMMER3 pHMM scores HMMER3 pHMM scores 8 400 100 200 20 8 TypeII ACP Ecoli ACP TypeI ACP TypeI AT TypeII AT FabD Aurachin KR pHMM (16 protein sequences) KSIII pHMM (10 protein sequences) 900 HMMER3 pHMM scores HMMER3 pHMM scores 300 400 0 8 200 100 TypeII KS TypeII CLF Typel KS Typell KR Typell KSIII TypeIII KS FabG Typel KR Cyclase_ABD pHMM (3 protein sequences) Cylcase_SRPBCC pHMM (10 protein sequences) 300 009 HMMER3 pHMM scores HMMER3 pHMM scores 8 400 200 200 100 CyclaseABD CyclaseSRPBCC CyclaseSRPBCC CyclaseABD Cyclase Cyclase_polyket Cyclase Cyclase_polyket Cyclase pHMM (3 protein sequences) Cyclase_polyket pHMM (6 protein sequences) 9 300 **HMMER3** pHMM scores HMMER3 pHMM scores 200 400 100 200 CvclaseABD CvclaseSRPBCC Cyclase_polyket CvclaseABD CvclaseSRPBCC Cyclase Cyclase_polyket Cyclase