

EcolSID 69 versus EcolSID 70

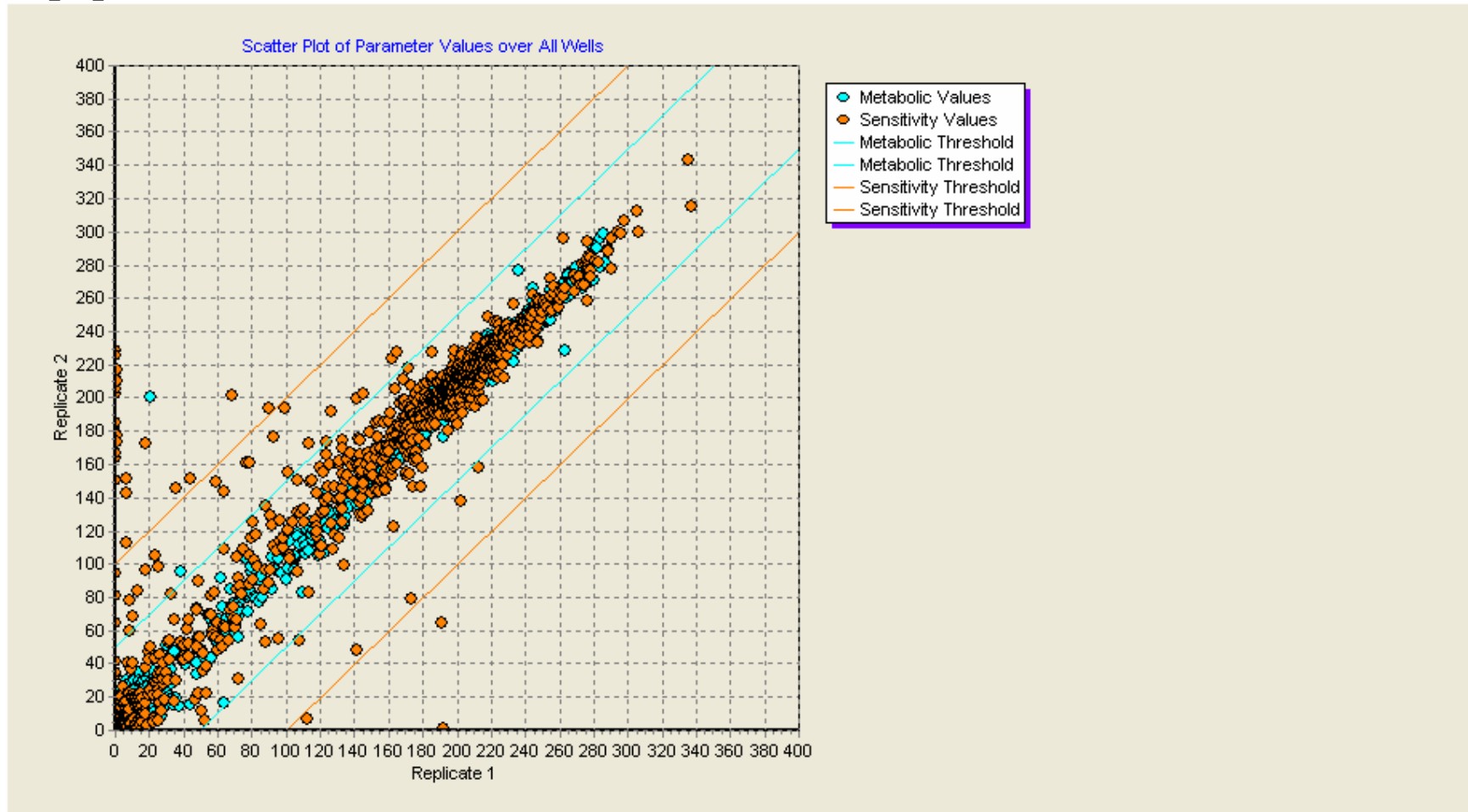
BiOLOG
21124 Cabot Blvd.
Hayward, CA 94545

Phenotype MicroArray Analysis
Test: Ecol_SID_69
Reference: Ecol_SID_70
Report Date: 3/23/2004 2:30:41 PM

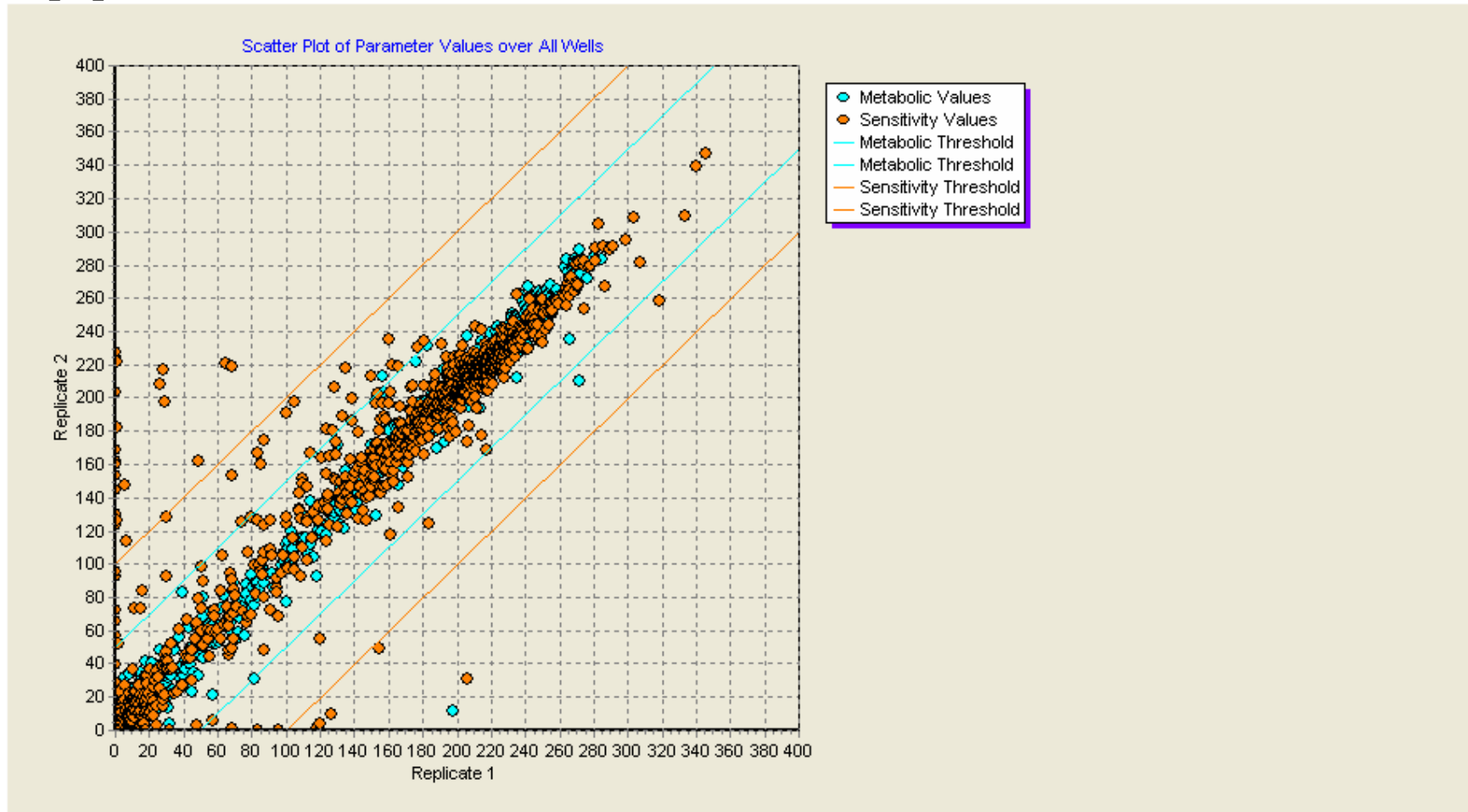
Reproducibility Analysis:

Test		Reference
PM01:	00: passes	PM01: 01: passes
PM02:	00: passes	PM02: 00: passes
PM03:	01: passes	PM03: 01: passes
PM04:	01: passes	PM04: 01: passes
PM05:	00: passes	PM05: 00: passes
PM06:	00: passes	PM06: 00: passes
PM07:	00: passes	PM07: 00: passes
PM08:	00: passes	PM08: 01: passes
PM09:	00: passes	PM09: 00: passes
PM10:	00: passes	PM10: 00: passes
PM11:	01: passes	PM11: 01: passes
PM12:	03: passes	PM12: 05: passes
PM13:	06: passes	PM13: 02: passes
PM14:	00: passes	PM14: 03: passes
PM15:	00: passes	PM15: 02: passes
PM16:	04: passes	PM16: 02: passes
PM17:	02: passes	PM17: 06: passes
PM18:	01: passes	PM18: 00: passes
PM19:	00: passes	PM19: 02: passes
PM20:	08: passes	PM20: 04: passes

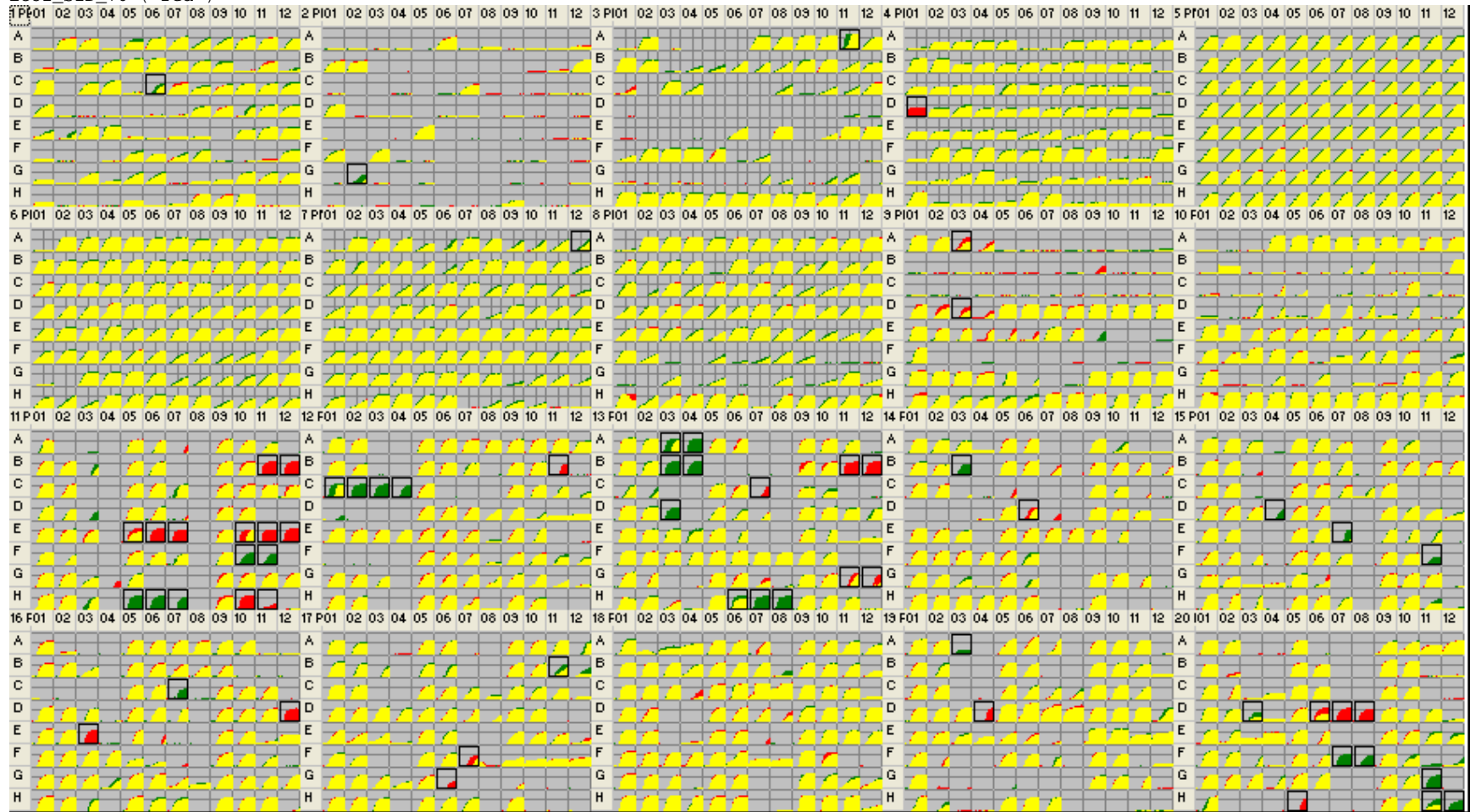
Replicate 1 versus Replicate 2 of Test:
Ecol_SID_69



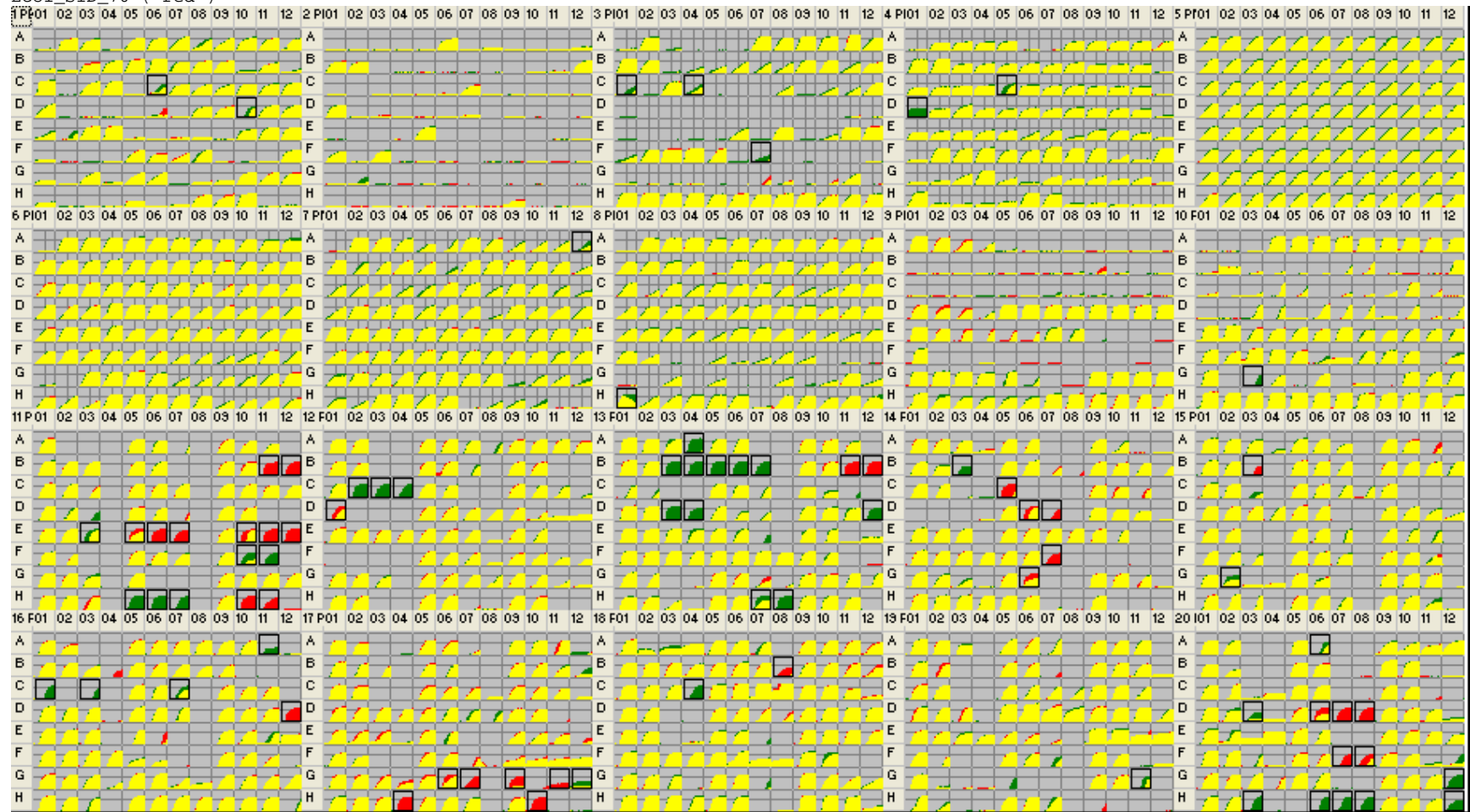
Replicate 1 versus Replicate 2 of Reference:
Ecol_SID_70



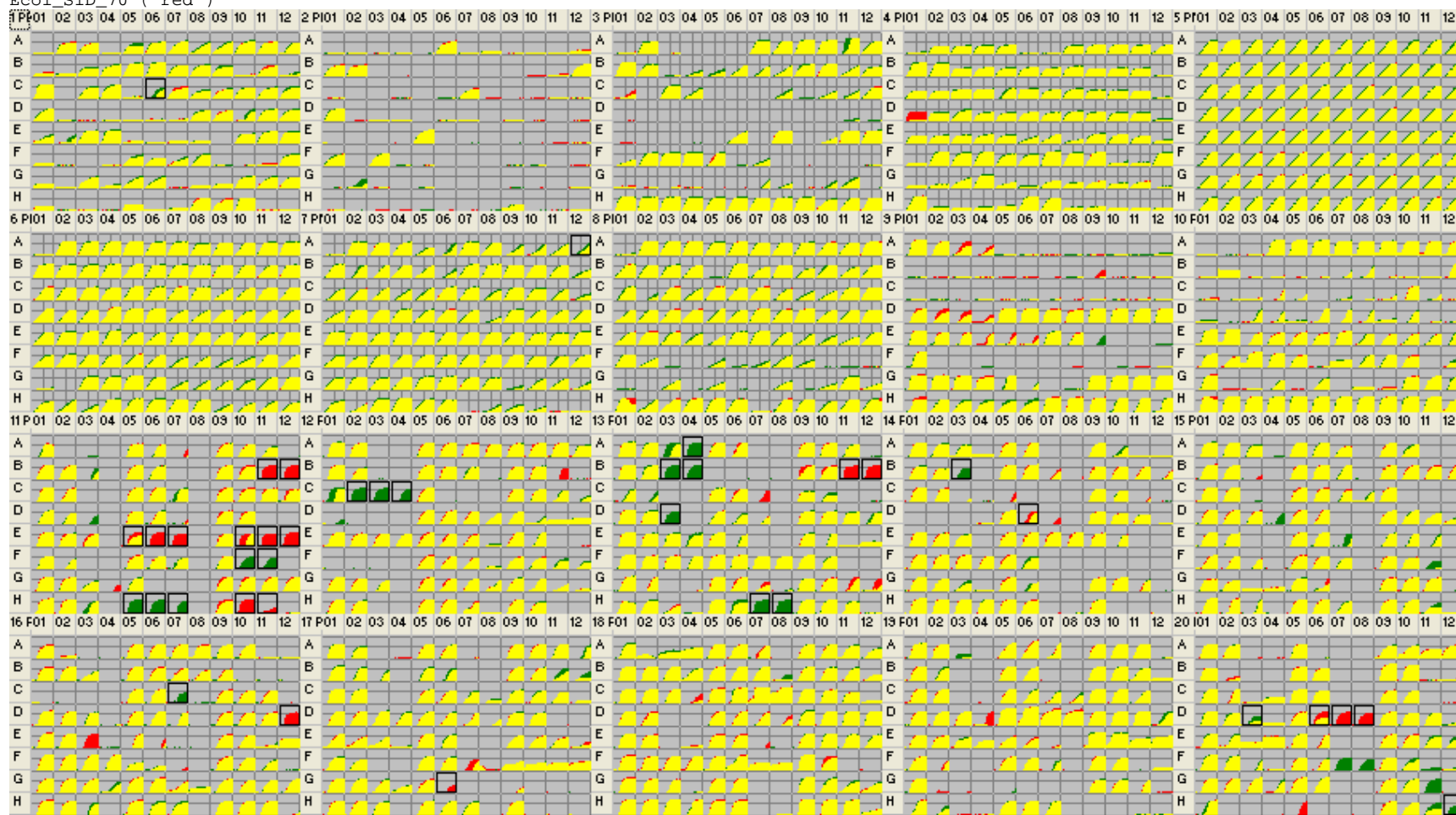
Run 1:
Ecol_SID_69 (green)
versus
Ecol_SID_70 (red)



Run 2:
 Ecol_SID_69 (green)
 versus
 Ecol_SID_70 (red)



Consensus:
Ecol_SID_69 (green)
versus
Ecol_SID_70 (red)



PM Report:

Ecol_SID_69 versus

Ecol_SID_70

Phenotypes Gained:

PM20B	D03	63	Proflavine	antibacterial, flavone
PM01	C06	54	L-Rhamnose	C-Source, carbohydrate
PM14A	B03	126	9-Aminoacridine	DNA intercalator
PM16A	C07	120	Protamine sulfate	membrane, ATPase
PM07	A12	51	Lys-Phe	N-source
PM11B	H05,H06,H07	554	Kanamycin	protein synthesis, aminoglycoside
PM12B	C02,C03,C04	544	Paromomycin	protein synthesis, aminoglycoside
PM11B	F10,F11	298	Neomycin	protein synthesis, aminoglycoside
PM20B	H12	144	Oleandomycin	protein synthesis, macrolide
PM13A	H07,H08	441	Monalactam	wall
PM13A	D03	185	Cefuroxime	wall, cephalosporin second generation
PM13A	B03,B04	426	Azlocillin	wall, lactam
PM13A	A04	224	Ampicillin	wall, lactam

Phenotypes Lost:

PM11B	E10,E11,E12	-547	Nalidixic acid	DNA gyrase (GN), DNA topoisomerase (GP)
PM20B	D06,D07,D08	-498	Ciprofloxacin	DNA gyrase (GN), DNA topoisomerase (GP)
PM11B	E05,E06,E07	-486	Enoxacin	DNA gyrase (GN), DNA topoisomerase (GP)
PM13A	B11,B12	-444	Oxolinic acid	DNA gyrase (GN), DNA topoisomerase (GP)
PM11B	B11,B12	-438	Lomefloxacin	DNA gyrase (GN), DNA topoisomerase (GP)
PM11B	H10,H11	-291	Ofloxacin	DNA gyrase (GN), DNA topoisomerase (GP)
PM16A	D12	-208	Cinoxacin	DNA gyrase (GN), DNA topoisomerase (GP)
PM14A	D06	-62	Iodoacetate	oxidation, sulfhydryl
PM17A	G06	-62	Cefamandole	wall, cephalosporin

Appendix:

Carbon and Nutrient Max Read Hour: 024
Nitrogen, Phosphorus, Sulfur Max Read Hour: 048
Sensitivity Max Read Hour: 024