

Automated Microbial Library Generation Using the Bioinformatics Platform IDBac

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Ingredients	SWA	NZSG	A1	M1	ISP2	SCA	PDA	ISP1
Malt Extract (g)	0	0	0	0	10	0	0	0
Yeast Extract (g)	0	5	4	0.4	4	0	0	3
Soluble Starch (g)	0	20	10	1	0	10	5	0
Glucose (g)	0	10	0	0	4	0	20	0
50% Glycerol (ml)	0	0	0	0	0	0	0	0
N-Z Amine A (g)	0	5	0	0	0	0	0	0
Casein (g)	0	0	0	0	0	0.3	0	0
Calcium Carbonate (g)	0	3	0	0	0	0	0	0
Casamino acids (g)	0	0	0	0	0	0	0	0
Casitone (g)	0	0	0	0	0	0	0	5
Potato extract (g)	0	0	0	0	0	0	30	0
Peptone (g)	0	0	1	0.2	0	0	0	0
Soytone (g)	0	0	0	0	0	0	0	0
Tryptone (g)	0	0	0	0	0	0	0	0
NaCl (g)	0	0	0	0	0	0	0	0
CaCO ₃ (g)	0	3	0	0	0	0.02	0	0
K ₂ HPO ₄ (g)	0	0	0	0	0	2	0	0
KH ₂ PO ₄ (g)	0	0	0	0	0	0	0	0
KNO ₃ (g)	0	0	0	0	0	2	0	0
MgSO ₄ ·7H ₂ O (g)	0	0	0	0	0	0.05	0	0
8 mg/mL FeSO ₄ ·7H ₂ O (ml)	0	0	0	0	0	0	0	0
Agar (g)	15	15	15	15	15	15	15	15
Instant Ocean (g)	30	30	30	30	30	30	30	30
Filtered Lake Water (ml)	1000	1000	1000	1000	1000	1000	1000	1000

Table S1. Media formulations used in this study.