**Table S1.** Culture media used for *in vivo* luminescence assessment.

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| **Culture media** | **Composition** |
| **PDA** | Potato Dextrose Agar (Difco). 39 grs per liter. |
| **PDB** | Potato Dextrose Broth (Difco). 12 grs per liter. |
| **Gamborg B5 2% glucose** | 2% glucose, 0.31625% Gamborg B5 (Duchefa Biochemie), 1.5% agar. |
| **MMV 1% Glucose** | 1% Vogel’s salts, 1% glucose, 1.5% agar. |
| **LNN 0.03% Glucose** | 1% Vogel’s salts, 0.03% glucose, 0.05% arginine, 50ug biotin,1.5% agar. |
| **LNN 0.3% Glucose** | 1% Vogel’s salts, 0.3% glucose, 0.05% arginine, 50ug biotin,1.5% agar. |
| **Maltose** | 1% Vogel’s salts, 0.5% maltose, 1.5% agar. |
| **MMV 1% Sucrose** | 1% Vogel’s salts, 1% sucrose, 1.5% agar. |
| **GYEC** | 0.5% glucose, 0.3% yeast extract (Difco), 0.5% casaminoacids (Difco), 1.5% agar. |
| **GYEC+peas** | 0.5% glucose, 0.3% yeast extract (Difco), 0.5% casaminoacids (Difco), 0.5% ground peas, 1.5% agar. |