**S5 Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **COI Meadow** | SMG\_2010 | Arradon | Saint Malo | Roscanvel | Ile Callot | L’Arcouest | SMG\_2011 |
| SMG\_2010 |  | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Arradon | 0.0002 |  | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Saint Malo | 0.0001 | 0.0001 |  | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Roscanvel | 0.0001 | 0.0001 | 0.0001 |  | 0.0001 | 0.0001 | 0.0001 |
| Ile Callot | 0.0001 | 0.0001 | 0.0001 | 0.0001 |  | 0.0001 | 0.0001 |
| L’Arcouest | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |  | 0.0001 |
| SMG\_2011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |  |
|  |
| **COI Mesh size** | 0.5mm | 1.0mm | 2.0mm |
| 0.5mm |  | 0.018 | 0.001 |
| 1.0mm | 0.018 |  | 0.083 |
| 2.0mm | 0.001 | 0.083 |  |