

**Venn diagram of Symbiodiniaceae subclades around Lombok by: (A) coastal area and (B) method (sample type-filter pore size combination).** For a more detailed explanation of this figure, see table below. Sample labels: sea = seawater sample; sed = sediment sample; \_0.4 and \_12 indicate the pore size of the filter (in μm).

**Detailed explanation of unique elements at Venn diagram**.

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| **Figures** | **Intersection** | **Total** | **Elements** |
| Fig. 4A | East\_Lombok /North\_Lombok/West\_Lombok | 1 | C.sym1 |
|  | East\_Lombok /North\_Lombok | 2 | G.sym4 |
|  |  |  | D.sym2 |
|  | East\_Lombok | 6 | D.sym6 |
|  |  |  | C.sym8 |
|  |  |  | C.sym7 |
|  |  |  | Csym16 |
|  |  |  | C.sym17 |
|  |  |  | C.sym10 |
|  | North\_Lombok | 5 | C.sym12 |
|  |  |  | D.sym19 |
|  |  |  | D.sym22 |
|  |  |  | C.sym15 |
|  |  |  | B.sym20 |
|  | West\_Lombok | 2 | S.sym21 |
|  |  |  | C.sym5 |
| Fig. 4B | sea\_0.4/sea\_12/sed\_0.4/ sed\_12 | 1 | D.sym2 |
|  | sea\_0.4/sed\_0.4/sed\_12 | 1 | C.sym1 |
|  | sea\_12/sed\_0.4 | 1 | G.sym4 |
|  | sea\_0.4 | 2 | D.sym19 |
|  |  |  | C.sym16 |
|  | sea\_12 | 2 | H.sym12 |
|  |  |  | D.sym6 |
|  | sed\_0.4 | 8 | C.sym7 |
|  |  |  | C.sym17 |
|  |  |  | C.sym5 |
|  |  |  | D.sym22 |
|  |  |  | C.sym15 |
|  |  |  | B.sym20 |
|  |  |  | S.sym21 |
|  |  |  | C.sym10 |
|  | sed\_12 | 1 | C.sym8 |