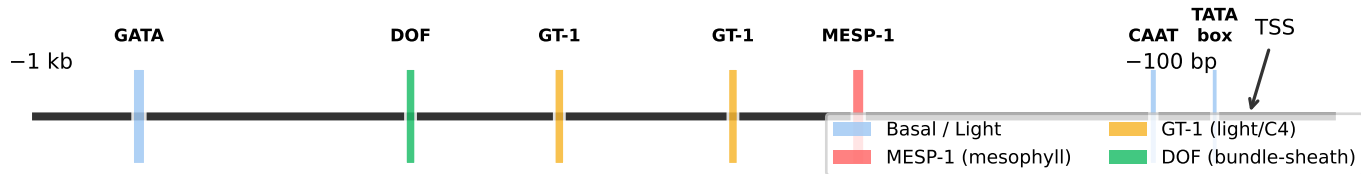


### (a) Grass C4 PEPC1 promoter (*Zea mays*)



### (b) Coconut PEPC promoters (*Cocos nucifera*, n = 5 genes, 2 kb upstream)

|                | TATA/CAAT | GT-1<br>(variant) | MESP-1 | GT-1<br>(tandem) | DOF<br>(C4-type) | G-box<br>(CACGTG) |
|----------------|-----------|-------------------|--------|------------------|------------------|-------------------|
| PEPC2          | ✓         | ✓                 | ✗      | ✗                | ✗                | ✗                 |
| PEPC<br>HK1    | ✓         | ✓                 | ✗      | ✗                | ✗                | ✓                 |
| PEPC<br>HK2    | ✓         | ✓                 | ✗      | ✗                | ✗                | ✗                 |
| PEPC4          | ✓         | ✓                 | ✗      | ✗                | ✗                | ✓                 |
| PEPC4-<br>like | ✓         | ✓                 | ✗      | ✗                | ✗                | ✗                 |