|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subfamlily** | **TPS name** | **Origin** | **Function** | **Accession number** |
|
| TPSb | Ms 4S-limonene syn | Mentha spicata |  4S-limonene synthase | AAC37366.1 |
| St (+)-4R-limonene syn | Schizonepeta tenuifolia | (+)-4R-limonene synthasethase | AAG01140.2 |
| Pf limonene syn | Perilla frutescens var. acuta | limonene synthase | BAA08367.1 |
| Pf mercene syn | Perilla frutescens var. acuta |  mercene synthase | AAF76186.1 |
| St 3-carene syn | Salvia stenophylla | 3-carene synthase | AAM89254.1 |
| So 1.8-cineole syn | Salvia officinalis |  1.8-cineole synthase | AAC26016.1 |
| So (+)-bornyl diphosphate syn | Salvia officinalis | (+)-bornyl diphosphate synthase | (AAC26017.1 |
| So (+)-sabinene syn | Salvia officinalis | (+)-sabinene synthase | AAC26018.1 |
| La bornyl diphosphate syn | Lavandula angustifolia subsp. angustifolia | bornyl diphosphate synthase | AJW68082.1 |
| Pd bornyl diphosphate syn | Phyla dulcis | bornyl diphosphate synthase | ATY48638.1 |
| Pd linalool syn | Phyla dulcis |  linalool synthase | ATY48639.1 |
| At 1.8-cineole syn | Arabidopsis thaliana | 1.8-cineole synthase | NP\_189212.1 |
| At myrcene syn | Arabidopsis thaliana |  myrcene synthase | NP\_179998.1 |
| CcTPS1 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS1 | / |
| CcTPS3 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS3 | / |
| Mg terpineol syn | Magnolia grandiflora |  terpineol synthase | B3TPQ7.1 |
| Cu (E)-beta-ocimene syn | Citrus unshiu | (E)-beta-ocimene synthase | BAD91046.1 |
| Cl (-)-beta-pinene syn | Citrus limon | (-)-beta-pinene synthase | AAM53945.1 |
| Cl terpinene syn | Citrus limon | terpinene synthase | AAM53943.1 |
| Wv bornyl diphosphate syn | Wurfbainia villosa | bornyl diphosphate synthase | AWW87313.1 |
| Wv pinene syn | Wurfbainia villosa | pinene synthase | AWW87312.1 |
| TPSa | Ob selinene syn | Ocimum basilicum | selinene synthase | AAV63785.1 |
| CcTPS8 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS8 | / |
| CcTPS9 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS9 | / |
| Mp (E)-B-farnesene syn | Mentha x piperita | (E)-B-farnesene synthase | AAB95209.1 |
| Na 5-epi-aristolochene syn | Nicotiana attenuata | 5-epi-aristolochene synthase | AAO85555.1 |
| TPSd | Pt farnesene syn | Pinus taeda | farnesene synthase | AAO61226.1 |
| Pa\_(-)-limonene\_syn | Picea abies | (-)-limonene\_synthase | AAS47694.1 |
| Pa\_(-)-pinene\_syn | Picea abies | (-)-pinene\_synthase | AAS47692.1 |
| TPSg | CbTPS3 | Cinnamomum burmanni | CbTPS3 | / |
| Cm\_S-(+)-linalool\_syn | Cinnamomum micranthum f. kanehirae | S-(+)-linaloolsynthase | AFK09262.1 |
| CcTPS4 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS4 |  |
| CcTPS6 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS6 |  |
| Am\_(E)-b-ocimene\_syn | Antirrhinum majus | (E)-b-ocimene synthase | AAO42614.1 |
| At\_linalool\_syn | Arabidopsis thaliana | linalool synthase | AAO85533.1 |
| Am\_myrcene\_syn | Antirrhinum majus | myrcene\_synthase | AAO41727.1 |
| Am\_nerolidol/linalool\_syn | Antirrhinum majus | nerolidol/linalool\_synthase | ABR24417.1 |
| TPSe | Cm\_ent-kaurene\_syn | Cucurbita maxima | ent-kaurene\_synthase | AAB39482.1 |
| Tw\_kaurene\_syn | Tripterygium wilfordii | kaurene\_synthase | KX931055 |
| Tw\_kaurene\_syn | Tripterygium wilfordii | kaurene\_synthase | AKM28415 |
| TPSf | Cb\_linalool\_syn | Clarkia breweri | linalool\_synthase | AAD19840.1 |
| Cc\_linalool\_syn | Clarkia concinna | linalool\_synthase | AAD19839.1 |
| CcTPS12 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS12 | / |
| CcTPS13 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS13 | / |
| CcTPS14 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS14 | / |
| TPSc | Cm\_copalyl\_diphosphate\_syn | Cucurbita maxima | copalyl\_diphosphate\_synthase | AAD04292.1 |
| Sl\_copalyl\_diphosphate\_syn | Solanum lycopersicum | copalyl\_diphosphate\_synthase | BAA84918.1 |
| Tw\_copalyl\_diphosphate\_syn1 | Tripterygium wilfordii | copalyl\_diphosphate\_synthase | AKM28412 |
| Tw\_copalyl\_diphosphate\_syn2 | Tripterygium wilfordii | copalyl\_diphosphate\_synthase | AKM28413 |
| CcTPS11 | Borneol Chemotype of *Cinnamomum camphora* | CcTPS11 | / |