**Supplementary Table 2. The GhGATL gene family between *G. hirsutum* (NAU, version 1.1) and *G. hirsutum* (HAU, version 1.1) database.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene name | Gene（NAU, version 1.1） | Chr | Gene （HAU, version 1.1） | Chr |
| GhGATL1\_At | Gh\_A01G0957 | A01 | Gohir.A01G117500.1.p | A01 |
| GhGATL1\_Dt | Gh\_D01G1004 | D01 | Gohir.D01G105800.1.p | D01 |
| GhGATL2\_Dt | Gh\_D02G0934 | D02 | Gohir.D02G093600.1.p | D02 |
| GhGATL3\_At | Gh\_Sca005377G02 | - | Gohir.A02G162700.1.p | A02 |
| GhGATL3\_Dt | Gh\_D03G1673 | D03 | Gohir.D03G017600.1.p | D03 |
| GhGATL4\_At | Gh\_A05G1690 | A05 | Gohir.A05G196900.1.p | A05 |
| GhGATL4\_Dt | Gh\_D05G1880 | D05 | Gohir.D05G200000.1.p | D05 |
| GhGATL5\_At | Gh\_A05G2220 | A05 | - | - |
| GhGATL5\_Dt | Gh\_D05G2480 | D05 | Gohir.D05G262400.1.p | D05 |
| GhGATL6\_At | Gh\_A06G0103 | A06 | Gohir.A06G012400.1.p | A06 |
| GhGATL6\_Dt | Gh\_D06G0076 | D06 | Gohir.D06G009800.1.p | D06 |
| GhGATL7\_At | Gh\_A11G1728 | A11 | Gohir.A11G187100.1.p | A11 |
| GhGATL7\_Dt | Gh\_D11G1886 | D11 | Gohir.D11G193600.1.p | D11 |
| GhGATL8\_At | Gh\_A12G0617 | A12 | Gohir.D12G066700.1.p | A12 |
| GhGATL8\_Dt | Gh\_D12G0630 | D12 | Gohir.A12G066300.1.p | D12 |
| GhGATL9\_At | Gh\_A05G0764 | A05 | Gohir.A05G091000.1.p | A05 |
| GhGATL9\_Dt | Gh\_D05G0896 | D05 | Gohir.D05G092000.1.p | D05 |
| GhGATL10\_At | Gh\_A10G0951 | A10 | Gohir.A10G106100.1.p | A10 |
| GhGATL10\_Dt | Gh\_D10G1607 | D10 | Gohir.D10G162100.1.p | D10 |
| GhGATL11\_At | Gh\_A11G1098 | A11 | Gohir.A11G119700.1.p | A11 |
| GhGATL11\_Dt | Gh\_D11G1248 | D11 | Gohir.D11G124500.1.p | D11 |
| GhGATL12\_At | Gh\_A07G1155 | A07 | Gohir.A07G126900.1.p | A07 |
| GhGATL12\_Dt | - | - | Gohir.D07G131000.1.p | D07 |
| GhGATL13\_At | Gh\_A11G1018 | A11 | Gohir.A11G112100.1.p | A11 |
| GhGATL13\_Dt | Gh\_D11G1174 | D11 | Gohir.D11G117200.1.p | D11 |
| GhGATL14\_At | Gh\_A12G1168 | A12 | Gohir.A12G127900.1.p | A12 |
| GhGATL14\_Dt | Gh\_D12G1288 | D12 | Gohir.D12G131600.1.p | D12 |
| GhGATL15\_At | Gh\_A03G1265 | A03 | Gohir.A03G144000.1.p | A03 |
| GhGATL15\_Dt | Gh\_D02G1704 | D02 | Gohir.D02G167200.1.p | D02 |
| GhGATL16\_At | Gh\_A05G3147 | A05 | Gohir.A05G362200.1.p | A05 |
| GhGATL16\_Dt | Gh\_D04G0487 | D04 | Gohir.D04G052200.1.p | D04 |
| GhGATL17\_At | Gh\_A05G2796 | A05 | - | - |
| GhGATL17\_Dt | Gh\_D05G3101 | D05 | Gohir.D05G321800.1.p | D05 |