

# COVID-19 Information



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## BLAST® >> [blastp suite](#) >> results for RID-3GNNXT8F016

**Job Title** [OsProt ...](#)  
**RID** [3GNNXT8F016](#) Search expires on 03-22 18:43 pm  
**Program** BLASTP  
**Database** nr  
**Query ID** lcl|Query\_46082  
**Description** [OsProt ...](#)  
**Molecule type** amino acid  
**Query Length** 1183

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### Descriptions

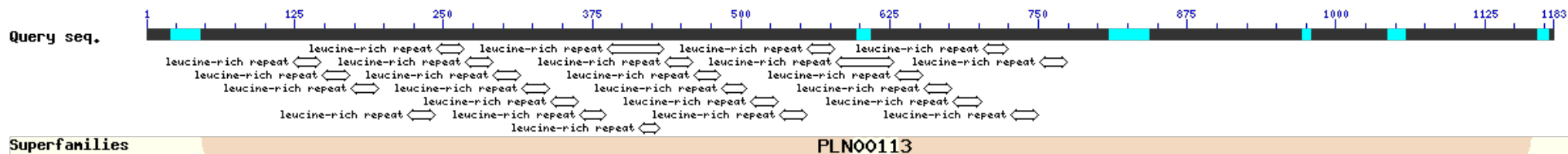
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<a href="#">hypothetical protein DAI22_04g263700 [Oryza sativa Japonica Group]</a>	<a href="#">Oryza sativa Japonica Group</a>	2139	2139	100%	0.0	99.92%	1183	<a href="#">KAF2935887.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Oryza sativa Japonica Group]</a>	<a href="#">Oryza sativa Japonica Group</a>	2138	2138	100%	0.0	100.00%	1183	<a href="#">XP_015634951.1</a>
<a href="#">OSJNBa0058K23.7 [Oryza sativa Japonica Group]</a>	<a href="#">Oryza sativa Japonica Group</a>	2118	2118	99%	0.0	100.00%	1174	<a href="#">CAE02151.2</a>
<a href="#">hypothetical protein OsJ_16186 [Oryza sativa Japonica Group]</a>	<a href="#">Oryza sativa Japonica Group</a>	2117	2117	99%	0.0	99.91%	1174	<a href="#">EAZ32006.1</a>
<a href="#">H0313F03.16 [Oryza sativa]</a>	<a href="#">Oryza sativa</a>	2098	2098	99%	0.0	98.89%	1174	<a href="#">CAH68341.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Oryza brachyantha]</a>	<a href="#">Oryza brachyantha</a>	1747	1747	96%	0.0	85.68%	1175	<a href="#">XP_040379032.1</a>
<a href="#">hypothetical protein E2562_016856 [Oryza meyeriana var. granulata]</a>	<a href="#">Oryza meyeriana var. granulata</a>	1732	1732	95%	0.0	81.53%	1203	<a href="#">KAF0892559.1</a>
<a href="#">hypothetical protein GUJ93_ZPchr0004g39530 [Zizania palustris]</a>	<a href="#">Zizania palustris</a>	1632	1632	96%	0.0	80.32%	1240	<a href="#">KAG8066297.1</a>
<a href="#">PH01B019A14.19 [Phyllostachys edulis]</a>	<a href="#">Phyllostachys edulis</a>	1555	1555	96%	0.0	74.78%	1187	<a href="#">CCI55350.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum dicoccoides]</a>	<a href="#">Triticum dicoccoides</a>	1522	1522	96%	0.0	72.83%	1181	<a href="#">XP_037479342.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum miliaceum]</a>	<a href="#">Panicum miliaceum</a>	1503	1503	96%	0.0	73.15%	1177	<a href="#">RLM74152.1</a>
<a href="#">hypothetical protein GQ55_7G285300 [Panicum hallii var. hallii]</a>	<a href="#">Panicum hallii var. hallii</a>	1495	1495	96%	0.0	72.98%	1191	<a href="#">PUZ48937.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum hallii]</a>	<a href="#">Panicum hallii</a>	1495	1495	96%	0.0	73.06%	1191	<a href="#">XP_025822857.1</a>

Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<a href="#">unnamed protein product [Triticum turgidum subsp. durum]</a>	<a href="#">Triticum turgidum subsp. durum</a>	1488	1488	95%	0.0	72.24%	1211	<a href="#">VAH51942.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum aestivum]</a>	<a href="#">Triticum aestivum</a>	1485	1485	95%	0.0	72.15%	1211	<a href="#">XP_044326092.1</a>
<a href="#">unnamed protein product [Digitaria exilis]</a>	<a href="#">Digitaria exilis</a>	1481	1481	95%	0.0	70.99%	1192	<a href="#">CAB3485773.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum virgatum]</a>	<a href="#">Panicum virgatum</a>	1481	1481	96%	0.0	72.38%	1187	<a href="#">XP_039773977.1</a>
<a href="#">hypothetical protein HU200_013768 [Digitaria exilis]</a>	<a href="#">Digitaria exilis</a>	1481	1481	95%	0.0	70.99%	1244	<a href="#">KAF8740775.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum virgatum]</a>	<a href="#">Panicum virgatum</a>	1477	1477	96%	0.0	72.42%	1169	<a href="#">XP_039822020.1</a>
<a href="#">hypothetical protein HU200_063441 [Digitaria exilis]</a>	<a href="#">Digitaria exilis</a>	1476	1476	95%	0.0	70.38%	1195	<a href="#">KAF8651198.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Setaria viridis]</a>	<a href="#">Setaria viridis</a>	1474	1474	96%	0.0	72.98%	1221	<a href="#">XP_034605784.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Dichanthelium oligosanthes]</a>	<a href="#">Dichanthelium oligosanthes</a>	1469	1469	95%	0.0	70.56%	1223	<a href="#">OEL23707.1</a>
<a href="#">LOW QUALITY PROTEIN: LRR receptor-like serine/threonine-protein kinase FLS2 [Setaria italica]</a>	<a href="#">Setaria italica</a>	1463	1463	96%	0.0	72.89%	1220	<a href="#">XP_012703334.2</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum aestivum]</a>	<a href="#">Triticum aestivum</a>	1461	1461	95%	0.0	71.89%	1211	<a href="#">XP_044334318.1</a>
<a href="#">hypothetical protein HU200_064188 [Digitaria exilis]</a>	<a href="#">Digitaria exilis</a>	1459	1459	95%	0.0	69.86%	1193	<a href="#">KAF8649648.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum dicoccoides]</a>	<a href="#">Triticum dicoccoides</a>	1458	1458	95%	0.0	71.80%	1181	<a href="#">XP_037487224.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Sorghum bicolor]</a>	<a href="#">Sorghum bicolor</a>	1457	1457	96%	0.0	70.48%	1188	<a href="#">XP_002448543.1</a>
<a href="#">hypothetical protein EJB05_38319 [Eragrostis curvula]</a>	<a href="#">Eragrostis curvula</a>	1454	1454	96%	0.0	72.70%	1192	<a href="#">TVU14826.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Hordeum vulgare subsp. vulgare]</a>	<a href="#">Hordeum vulgare subsp. vulgare</a>	1453	1453	95%	0.0	71.63%	1181	<a href="#">XP_044967878.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Aegilops tauschii subsp. strangulata]</a>	<a href="#">Aegilops tauschii subsp. strangulata</a>	1451	1451	95%	0.0	71.80%	1211	<a href="#">XP_020161897.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum miliaceum]</a>	<a href="#">Panicum miliaceum</a>	1436	1436	96%	0.0	70.74%	1330	<a href="#">RLM69419.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum virgatum]</a>	<a href="#">Panicum virgatum</a>	1434	1434	96%	0.0	70.91%	1198	<a href="#">XP_039782613.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zea mays]</a>	<a href="#">Zea mays</a>	1429	1429	96%	0.0	69.62%	1190	<a href="#">PWZ39525.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zea mays]</a>	<a href="#">Zea mays</a>	1417	1417	96%	0.0	68.19%	1190	<a href="#">XP_008668880.1</a>
<a href="#">hypothetical protein EJB05_55128 [Eragrostis curvula]</a>	<a href="#">Eragrostis curvula</a>	1391	1391	95%	0.0	69.38%	1154	<a href="#">TVT99459.1</a>
<a href="#">predicted protein [Hordeum vulgare subsp. vulgare]</a>	<a href="#">Hordeum vulgare subsp. vulgare</a>	1391	1391	90%	0.0	71.79%	1101	<a href="#">BAJ89141.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Brachypodium distachyon]</a>	<a href="#">Brachypodium distachyon</a>	1388	1388	94%	0.0	67.61%	1223	<a href="#">XP_010227269.1</a>
<a href="#">unnamed protein product [Triticum turgidum subsp. durum]</a>	<a href="#">Triticum turgidum subsp. durum</a>	1376	1376	86%	0.0	72.62%	1072	<a href="#">VAH36636.1</a>
<a href="#">hypothetical protein PR202_ga19028 [Eleusine coracana subsp. coracana]</a>	<a href="#">Eleusine coracana subsp. coracana</a>	1343	1343	96%	0.0	65.26%	1167	<a href="#">GJN01739.1</a>
<a href="#">hypothetical protein OsI_17436 [Oryza sativa Indica Group]</a>	<a href="#">Oryza sativa Indica Group</a>	1320	2435	93%	0.0	99.72%	1139	<a href="#">EEC78020.1</a>
<a href="#">hypothetical protein PR202_gb14366 [Eleusine coracana subsp. coracana]</a>	<a href="#">Eleusine coracana subsp. coracana</a>	1317	1317	96%	0.0	63.75%	1173	<a href="#">GJN26438.1</a>
<a href="#">hypothetical protein PVAP13_7KG349100 [Panicum virgatum]</a>	<a href="#">Panicum virgatum</a>	1311	1311	86%	0.0	71.35%	1090	<a href="#">KAG2574787.1</a>
<a href="#">hypothetical protein PVAP13_9KG470017 [Panicum virgatum]</a>	<a href="#">Panicum virgatum</a>	1268	1268	87%	0.0	68.98%	1125	<a href="#">KAG2545929.1</a>

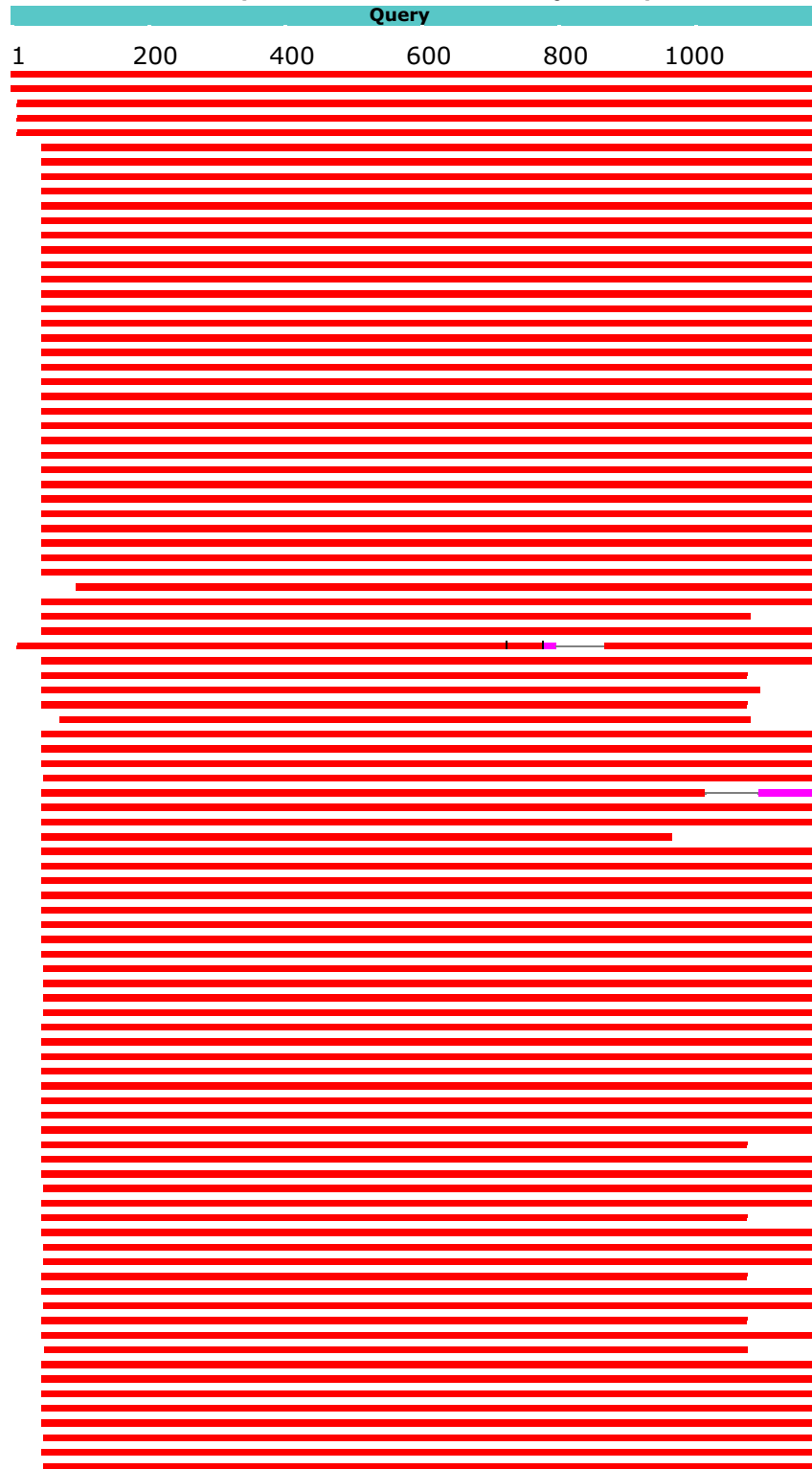
Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<a href="#">unnamed protein product [Triticum turgidum subsp. durum]</a>	<a href="#">Triticum turgidum subsp. durum</a>	1264	1264	86%	0.0	69.37%	1026	<a href="#">VAH51943.1</a>
<a href="#">unnamed protein product [Triticum turgidum subsp. durum]</a>	<a href="#">Triticum turgidum subsp. durum</a>	1258	1258	84%	0.0	70.43%	986	<a href="#">VAH36635.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Ananas comosus]</a>	<a href="#">Ananas comosus</a>	1197	1197	95%	0.0	55.43%	1165	<a href="#">XP_020103276.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Ananas comosus]</a>	<a href="#">Ananas comosus</a>	1196	1196	95%	0.0	55.53%	1165	<a href="#">OAY74928.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Elaeis guineensis]</a>	<a href="#">Elaeis guineensis</a>	1191	1191	95%	0.0	55.79%	1158	<a href="#">XP_010926905.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Phoenix dactylifera]</a>	<a href="#">Phoenix dactylifera</a>	1190	1190	94%	0.0	55.88%	1159	<a href="#">XP_008778161.2</a>
<a href="#">unnamed protein product [Miscanthus lutarioriparius]</a>	<a href="#">Miscanthus lutarioriparius</a>	1189	1333	89%	0.0	68.76%	1225	<a href="#">CAD6262265.1</a>
<a href="#">PREDICTED: LRR receptor-like serine/threonine-protein kinase FLS2 [Musa acuminata subsp. malaccensis]</a>	<a href="#">Musa acuminata subsp. malaccensis</a>	1184	1184	95%	0.0	54.22%	1194	<a href="#">XP_018683699.1</a>
<a href="#">hypothetical protein C4D60_Mb06t20010 [Musa balbisiana]</a>	<a href="#">Musa balbisiana</a>	1177	1177	95%	0.0	54.31%	1590	<a href="#">THU50419.1</a>
<a href="#">hypothetical protein SETIT_7G239900v2 [Setaria italica]</a>	<a href="#">Setaria italica</a>	1147	1147	77%	0.0	70.79%	1024	<a href="#">RCV35437.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zingiber officinale]</a>	<a href="#">Zingiber officinale</a>	1125	1125	95%	0.0	53.47%	1228	<a href="#">XP_042402383.1</a>
<a href="#">hypothetical protein ZIOFF_039006 [Zingiber officinale]</a>	<a href="#">Zingiber officinale</a>	1122	1122	95%	0.0	53.21%	1181	<a href="#">KAG6499249.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zingiber officinale]</a>	<a href="#">Zingiber officinale</a>	1122	1122	95%	0.0	53.21%	1160	<a href="#">XP_042405960.1</a>
<a href="#">hypothetical protein IEQ34_018130 [Dendrobium chrysotoxum]</a>	<a href="#">Dendrobium chrysotoxum</a>	1117	1117	95%	0.0	52.83%	1159	<a href="#">KAH0453806.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Apostasia shenzhenica]</a>	<a href="#">Apostasia shenzhenica</a>	1101	1101	95%	0.0	52.56%	1153	<a href="#">PKA64048.1</a>
<a href="#">Non-specific serine/threonine protein kinase protein [Dioscorea alata]</a>	<a href="#">Dioscorea alata</a>	1095	1095	95%	0.0	51.87%	1166	<a href="#">KAH7654408.1</a>
<a href="#">hypothetical protein KFK09_021959 [Dendrobium nobile]</a>	<a href="#">Dendrobium nobile</a>	1088	1088	95%	0.0	52.39%	1159	<a href="#">KAI0495656.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Dioscorea cayenensis subsp. rotundata]</a>	<a href="#">Dioscorea cayenensis subsp. rotundata</a>	1088	1088	95%	0.0	52.09%	1142	<a href="#">XP_039115297.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 precursor [Vitis vinifera]</a>	<a href="#">Vitis vinifera</a>	1085	1085	94%	0.0	51.48%	1171	<a href="#">NP_001306209.1</a>
<a href="#">hypothetical protein VITISV_031289 [Vitis vinifera]</a>	<a href="#">Vitis vinifera</a>	1083	1083	94%	0.0	51.48%	1146	<a href="#">CAN78669.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Vitis vinifera]</a>	<a href="#">Vitis vinifera</a>	1083	1083	94%	0.0	51.48%	1252	<a href="#">RVX10881.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Vitis riparia]</a>	<a href="#">Vitis riparia</a>	1081	1081	94%	0.0	51.13%	1171	<a href="#">XP_034697905.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 isoform X1 [Dendrobium catenatum]</a>	<a href="#">Dendrobium catenatum</a>	1081	1081	95%	0.0	52.31%	1177	<a href="#">XP_028550558.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 isoform X2 [Dendrobium catenatum]</a>	<a href="#">Dendrobium catenatum</a>	1080	1080	95%	0.0	52.31%	1175	<a href="#">XP_028550561.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 isoform X3 [Dendrobium catenatum]</a>	<a href="#">Dendrobium catenatum</a>	1080	1080	95%	0.0	52.31%	1158	<a href="#">XP_028550562.1</a>
<a href="#">Non-specific serine/threonine protein kinase protein [Dioscorea alata]</a>	<a href="#">Dioscorea alata</a>	1071	1071	95%	0.0	51.43%	1166	<a href="#">KAH7654407.1</a>
<a href="#">hypothetical protein HHK36_003528 [Tetracentron sinense]</a>	<a href="#">Tetracentron sinense</a>	1065	1065	94%	0.0	50.65%	1168	<a href="#">KAF8410989.1</a>
<a href="#">Protein kinase domain [Macleaya cordata]</a>	<a href="#">Macleaya cordata</a>	1065	1762	95%	0.0	49.83%	2246	<a href="#">OVA13224.1</a>
<a href="#">hypothetical protein F0562_018252 [Nyssa sinensis]</a>	<a href="#">Nyssa sinensis</a>	1063	1063	95%	0.0	49.78%	1161	<a href="#">KAA8514961.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Cinnamomum micranthum f. kanehirae]</a>	<a href="#">Cinnamomum micranthum f. kanehirae</a>	1056	1056	95%	0.0	49.44%	1171	<a href="#">RWR85796.1</a>
<a href="#">hypothetical protein B296_00009171 [Ensete ventricosum]</a>	<a href="#">Ensete ventricosum</a>	1055	1055	86%	0.0	53.91%	1057	<a href="#">RRT70970.1</a>
<a href="#">LOW QUALITY PROTEIN: LRR receptor-like serine/threonine-protein kinase FLS2 [Phalaenopsis equestris]</a>	<a href="#">Phalaenopsis equestris</a>	1053	1053	95%	0.0	51.17%	1153	<a href="#">XP_020586300.1</a>
<a href="#">LRR receptor-like protein serine/threonine-protein kinase FLS2 [Lilium regale]</a>	<a href="#">Lilium regale</a>	1053	1053	95%	0.0	50.92%	1155	<a href="#">ASV46330.1</a>

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<a href="#">hypothetical protein RHSIM_Rhsim13G0192600 [Rhododendron simsii]</a>	<a href="#">Rhododendron simsii</a>	1051	1051	94%	0.0	49.78%	1165	<a href="#">KAF7120791.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Camellia sinensis]</a>	<a href="#">Camellia sinensis</a>	1049	1049	95%	0.0	49.39%	1167	<a href="#">XP_028110568.1</a>
<a href="#">hypothetical protein GW17_00001776 [Ensete ventricosum]</a>	<a href="#">Ensete ventricosum</a>	1049	1049	86%	0.0	53.72%	1057	<a href="#">RWW933519.1</a>
<a href="#">hypothetical protein IFM89_006889 [Coptis chinensis]</a>	<a href="#">Coptis chinensis</a>	1049	1049	94%	0.0	49.13%	1172	<a href="#">KAF9588010.1</a>
<a href="#">hypothetical protein RHSIM_Rhsim13G0192900 [Rhododendron simsii]</a>	<a href="#">Rhododendron simsii</a>	1048	1048	94%	0.0	49.48%	1169	<a href="#">KAF7119824.1</a>
<a href="#">hypothetical protein RHGRI_037804 [Rhododendron griersonianum]</a>	<a href="#">Rhododendron griersonianum</a>	1047	1047	94%	0.0	49.13%	1168	<a href="#">KAG5517165.1</a>
<a href="#">hypothetical protein BHM03_00018160 [Ensete ventricosum]</a>	<a href="#">Ensete ventricosum</a>	1046	2093	86%	0.0	53.63%	1040	<a href="#">RZR90314.1</a>
<a href="#">hypothetical protein HYC85_017531 [Camellia sinensis]</a>	<a href="#">Camellia sinensis</a>	1045	1045	95%	0.0	49.22%	1311	<a href="#">KAF5943454.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Vitis riparia]</a>	<a href="#">Vitis riparia</a>	1045	1045	94%	0.0	50.17%	1166	<a href="#">XP_034697906.1</a>
<a href="#">hypothetical protein BHE74_00006555 [Ensete ventricosum]</a>	<a href="#">Ensete ventricosum</a>	1044	1044	86%	0.0	53.53%	1040	<a href="#">RWW84814.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Camellia sinensis]</a>	<a href="#">Camellia sinensis</a>	1043	1043	95%	0.0	48.96%	1167	<a href="#">XP_028110569.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Cocos nucifera]</a>	<a href="#">Cocos nucifera</a>	1043	1043	86%	0.0	54.94%	1021	<a href="#">KAG1331853.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Carya illinoensis]</a>	<a href="#">Carya illinoensis</a>	1042	1042	95%	0.0	49.57%	1162	<a href="#">XP_042946314.1</a>
<a href="#">hypothetical protein I3842_10G093000 [Carya illinoensis]</a>	<a href="#">Carya illinoensis</a>	1042	1042	95%	0.0	49.57%	1162	<a href="#">KAG6692037.1</a>
<a href="#">hypothetical protein I3760_10G092800 [Carya illinoensis]</a>	<a href="#">Carya illinoensis</a>	1041	1041	95%	0.0	49.57%	1162	<a href="#">KAG2684804.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Citrus sinensis]</a>	<a href="#">Citrus sinensis</a>	1040	1040	95%	0.0	48.05%	1194	<a href="#">XP_006478743.1</a>
<a href="#">hypothetical protein AQUCO_01600052v1 [Aquilegia coerulea]</a>	<a href="#">Aquilegia coerulea</a>	1039	1039	95%	0.0	49.13%	1168	<a href="#">PIA45579.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Mangifera indica]</a>	<a href="#">Mangifera indica</a>	1039	1039	94%	0.0	48.35%	1158	<a href="#">XP_044460723.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Citrus clementina]</a>	<a href="#">Citrus clementina</a>	1038	1038	95%	0.0	47.96%	1194	<a href="#">XP_024043468.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Sesamum indicum]</a>	<a href="#">Sesamum indicum</a>	1038	1038	94%	0.0	48.65%	1183	<a href="#">XP_011085266.1</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Quercus lobata]</a>	<a href="#">Quercus lobata</a>	1037	1037	95%	0.0	48.26%	1157	<a href="#">XP_030967995.1</a>
<a href="#">hypothetical protein CICLE_v10024610mg [Citrus clementina]</a>	<a href="#">Citrus clementina</a>	1037	1037	95%	0.0	47.96%	1199	<a href="#">ESR56215.1</a>
<a href="#">FLS2 [Quercus variabilis]</a>	<a href="#">Quercus variabilis</a>	1037	1037	95%	0.0	48.22%	1157	<a href="#">AZW07569.1</a>

## Graphic Summary



# Distribution of the top 105 Blast Hits on 99 subject sequences



# Alignments

Alignment view Pairwise  CDS feature Restore defaults

hypothetical protein DAI22\_04g263700 [Oryza sativa Japonica Group]

Sequence ID: **KAF2935887.1** Length: 1183 Number of Matches: 1

Range 1: 1 to 1183

Score	Expect	Method	Identities	Positives	Gaps	Frame
2139 bits(5542)	0.0()	Compositional matrix adjust.	1182/1183(99%)	1182/1183(99%)	0/1183(0%)	
Query 1		MERNKFASKMSQHYTKTICIAVVLVAVLFLSSAAAAGSGAAVSVQLEALLEFKNGVADD				60
Sbjct 1		MERNKFASKMSQHYTKTICIAVVLVAVLFLSSAAAAGSGAAVSVQLEALLEFKNGVADD				60
Query 61		PLGVLAGWRVKGSGDGA VRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGN				120
Sbjct 61		PLGVLAGWRVKGSGDGA VRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGN				120
Query 121		ISTLQVIDLTSNAFAGGIPPQLGRLGELEQLVVSNNYFAGGIPSSLCNCSAMWALALNVN				180
Sbjct 121		ISTLQVIDLTSNAFAGGIPPQLGRLGELEQLVVSNNYFAGGIPSSLCNCSAMWALALNVN				180
Query 181		NLTGAIPSCIGDLSNLEIFEAYLNNLDGELPPSMAKLKGIMVVDLSCNQLSGSIPPEIGD				240
Sbjct 181		NLTGAIPSCIGDLSNLEIFEAYLNNLDGELPPSMAKLKGIMVVDLSCNQLSGSIPPEIGD				240
Query 241		LSNLQILQLYENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKN				300
Sbjct 241		LSNLQILQLYENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKN				300
Query 301		ALTSEIPRSLRRCVSLNLDLSMNQLAGPIPELPSLQRLSLHANRLAGTVPASLTN				360
Sbjct 301		ALTSEIPRSLRRCVSLNLDLSMNQLAGPIPELPSLQRLSLHANRLAGTVPASLTN				360
Query 361		LVNLTILELSENHLSGPLPASIGSLRNLRLIVQNNLSGQIPASISNCTQLANASMSFN				420
Sbjct 361		LVNLTILELSENHLSGPLPASIGSLRNLRLIVQNNLSGQIPASISNCTQLANASMSFN				420
Query 421		LFSGPLPAGLGRQLQSLMFLSLGQNSLAGDIPDDLFDGQQLKLDLSENSFTGGLSRLVGQ				480
Sbjct 421		LFSGPLPAGLGRQLQSLMFLSLGQNSLAGDIPDDLFDGQQLKLDLSENSFTGGLSRLVGQ				480
Query 481		LGNLTVLQLQGNALSGEIPPEEIGNMTKLSLKLGRNRFAGHVPASISNMSSLQLLDLGHN				540
Sbjct 481		LGNLTVLQLQGNALSGEIPPEEIGNMTKLSLKLGRNRFAGHVPASISNMSSLQLLDLGHN				540
Query 541		RLDGVFPAEVFELRQLTILGAGSNRFAGPIPDAVANLRSLSFDLSSNMLNGTVPAAIgr				600
Sbjct 541		RLDGVFPAEVFELRQLTILGAGSNRFAGPIPDAVANLRSLSFDLSSNMLNGTVPAAI R				600
Query 601		ldqlltldlshnrlagAIPGAVIASMSNVQMYLNLNSNAFTGAIPAEIGGLVMVQTIDLS				660
Sbjct 601		LDQLLTLDLshnrlagAIPGAVIASMSNVQMYLNLNSNAFTGAIPAEIGGLVMVQTIDLS				660
Query 661		NNQLSGGVPATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPAD				720
Sbjct 661		NNQLSGGVPATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPAD				720
Query 721		IAALKHIQTLDVSRNAFAGAIPPALANLTALRSLNLSNFTFEGVPPDGGVFRNLTMSSLQ				780
Sbjct 721		IAALKHIQTLDVSRNAFAGAIPPALANLTALRSLNLSNFTFEGVPPDGGVFRNLTMSSLQ				780
Query 781		GNAGLCGGKLLAPCHGHAAGKRVFSRTGLVILVVLIALSTLLLLMVATILLVSYRRYRR				840
Sbjct 781		GNAGLCGGKLLAPCHGHAAGKRVFSRTGLVILVVLIALSTLLLLMVATILLVSYRRYRR				840
Query 841		kr rAADIAGDSPEAAVVPELRRFSYQGLAAATNSFDQGNVIGSSNLSTVYKGLVAGDAD				900

Sbjct	841	KRRAADIAGDSPEAAVVVPELRRFSYQGLAAATNSFDQGNVIGSSNLSTVYKGVLAGDAD	900
Query	901	GGMVVAVKRLNLEQFPSKSDKCFLELATSRLRHKNLARVVGYAWEAGKIKALVLDYMV	960
Sbjct	901	GGMVVAVKRLNLEQFPSKSDKCFLELATSRLRHKNLARVVGYAWEAGKIKALVLDYMV	960
Query	961	NGDLGAIHGGAaapppSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVL	1020
Sbjct	961	NGDLGAIHGGAAPPPAPSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVL	1020
Query	1021	LDGDWEARVSDFGTARMLGVHLPaaanaaaqstattsFRGTGVMAPFAYMRTVSTKV	1080
Sbjct	1021	LDGDWEARVSDFGTARMLGVHLPAAANAAAQSTATSSAFRGTGVMAPFAYMRTVSTKV	1080
Query	1081	DVFSFGVLAMELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEA	1140
Sbjct	1081	DVFSFGVLAMELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEA	1140
Query	1141	DLSTAADVLAVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED	1183
Sbjct	1141	DLSTAADVLAVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED	1183

LRR receptor-like serine/threonine-protein kinase FLS2 [Oryza sativa Japonica Group]

Sequence ID: **XP\_015634951.1** Length: 1183 Number of Matches: 1

Range 1: 1 to 1183

Score	Expect	Method	Identities	Positives	Gaps	Frame
2138 bits(5539)	0.0()	Compositional matrix adjust.	1183/1183(100%)	1183/1183(100%)	0/1183(0%)	
Query	1	MERNKFASKMSQHYTKTICIAvvlvavlfslssaaaagsgaavsvQLEALLEFKNGVADD				60
Sbjct	1	MERNKFASKMSQHYTKTICIAVVLVAVLFSLSAAAAAGSGAAVSVQLEALLEFKNGVADD				60
Query	61	PLGVLAGWRVKGSGDGA VRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGN				120
Sbjct	61	PLGVLAGWRVKGSGDGA VRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGN				120
Query	121	ISTLQVIDLTSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSAMWALALNVN				180
Sbjct	121	ISTLQVIDLTSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSAMWALALNVN				180
Query	181	NLTGAIPSCIGDLSNLEIFEAYLNNLDGELPPSMAKLKGIMVVDLSCNQLSGSIPPEIGD				240
Sbjct	181	NLTGAIPSCIGDLSNLEIFEAYLNNLDGELPPSMAKLKGIMVVDLSCNQLSGSIPPEIGD				240
Query	241	LSNLQILQLYENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKN				300
Sbjct	241	LSNLQILQLYENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKN				300
Query	301	ALTSEIPRSLRRCVSLNLDLSMNQLAGPIPELGEPLSLQRLSLHANRLAGTVPASLTN				360
Sbjct	301	ALTSEIPRSLRRCVSLNLDLSMNQLAGPIPELGEPLSLQRLSLHANRLAGTVPASLTN				360
Query	361	LVNLTILELSENHLSGPLPASIGSLRNLRLRRLIVQNNLSLGGQIPASISNCTQLANASMSFN				420
Sbjct	361	LVNLTILELSENHLSGPLPASIGSLRNLRLRRLIVQNNLSLGGQIPASISNCTQLANASMSFN				420
Query	421	LFSGPLPAGLGRQLQSLMFLSLGQNSLAGDIPDDLFDCCGQLQKLDLSENSFTGGLSRLVGQ				480
Sbjct	421	LFSGPLPAGLGRQLQSLMFLSLGQNSLAGDIPDDLFDCCGQLQKLDLSENSFTGGLSRLVGQ				480
Query	481	LGNLTVLQIQGNALSGEIPPEIIGNMTKLSLKLGRNRFAGHVPASISNMSSLQLLDLGHN				540
Sbjct	481	LGNLTVLQIQGNALSGEIPPEIIGNMTKLSLKLGRNRFAGHVPASISNMSSLQLLDLGHN				540
Query	541	RLDGVFPAEVFELRQLTILGAGSNRFAGPIPDVANLRSLSFLDLSSNMLNGTVPAALGR				600
Sbjct	541	RLDGVFPAEVFELRQLTILGAGSNRFAGPIPDVANLRSLSFLDLSSNMLNGTVPAALGR				600

Query 601 LdqlltldLSHNRLAGAIIPGAVIASMSNVQMYLNLNSNAFTGAIPEIIGGLVMVQTIDLS 660  
 Sbjct 601 LDQLLTLDLSHNRLAGAIIPGAVIASMSNVQMYLNLNSNAFTGAIPEIIGGLVMVQTIDLS 660

Query 661 NNQLSGGVPATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPAD 720  
 Sbjct 661 NNQLSGGVPATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPAD 720

Query 721 IAALKHIQTLDVSRNAFAGAIPPALANLTALRSLNLSSTFEGPVPDGGVFRNLTMSSLQ 780  
 Sbjct 721 IAALKHIQTLDVSRNAFAGAIPPALANLTALRSLNLSSTFEGPVPDGGVFRNLTMSSLQ 780

Query 781 GNAGLCGGKLLAPCHGHAAGKKRVFSRTGLvllvllialstllllmvatillvsyrryrr 840  
 Sbjct 781 GNAGLCGGKLLAPCHGHAAGKKRVFSRTGLVILVVLIALSTLLLLMVATILLVSYRRYRR 840

Query 841 krrAADIAGDSPEAAVVVPELRRFSYGQLAAATNSFDQGNVIGSSNLSTVYKGVLAGDAD 900  
 Sbjct 841 KRRRAADIAGDSPEAAVVVPELRRFSYGQLAAATNSFDQGNVIGSSNLSTVYKGVLAGDAD 900

Query 901 GGMVVAVKRLNLEQFPSKSDKCFLELATLSRLRHKNLARVVGYAWEAGKIKALVLDYMV 960  
 Sbjct 901 GGMVVAVKRLNLEQFPSKSDKCFLELATLSRLRHKNLARVVGYAWEAGKIKALVLDYMV 960

Query 961 NGDLGGAIHGGAAAPPAPSRWTVRERLRVCSVAHGLVYLHSGYDFPVVHCDVKPSNVL 1020  
 Sbjct 961 NGDLGGAIHGGAAAPPAPSRWTVRERLRVCSVAHGLVYLHSGYDFPVVHCDVKPSNVL 1020

Query 1021 LDGDWEARVSDFGTARMLGVHLPaaanaaaqstatssaFRGTGYMAPEFAYMRTVSTKV 1080  
 Sbjct 1021 LDGDWEARVSDFGTARMLGVHLPAAANAAAQSTATSSAFRGTGYMAPEFAYMRTVSTKV 1080

Query 1081 DVFSFGVLAMELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEA 1140  
 Sbjct 1081 DVFSFGVLAMELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEA 1140

Query 1141 DLSTAADVLAVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED 1183  
 Sbjct 1141 DLSTAADVLAVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED 1183

OSJNBa0058K23.7 [Oryza sativa Japonica Group]

Sequence ID: **CAE02151.2** Length: 1174 Number of Matches: 1

Range 1: 1 to 1174

Score	Expect	Method	Identities	Positives	Gaps	Frame
2118 bits(5487)	0.0()	Compositional matrix adjust.	1174/1174(100%)	1174/1174(100%)	0/1174(0%)	
Query 10		MSQHYTKTICIAVVLVAVLFSLSSAAAAGSGAAVSVQLEALLEFKNGVADDPLGVLGWR				69
Sbjct 1		MSQHYTKTICIAVVLVAVLFSLSSAAAAGSGAAVSVQLEALLEFKNGVADDPLGVLGWR				60
Query 70		VGKSGDGAVRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL				129
Sbjct 61		VGKSGDGAVRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL				120
Query 130		TSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSAMWALALNVNLTGAIPSC				189
Sbjct 121		TSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSAMWALALNVNLTGAIPSC				180
Query 190		IGDLSNLEIFEAYLNNLDGELPPSMAKLGIMVVDLSCNQLSGSIPPEIGDLSNLQILQL				249
Sbjct 181		IGDLSNLEIFEAYLNNLDGELPPSMAKLGIMVVDLSCNQLSGSIPPEIGDLSNLQILQL				240
Query 250		YENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKNALTSEIPRS				309
Sbjct 241		YENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKNALTSEIPRS				300
Query 310		LRRCVSLLNLDLSMNQLAGPIPPELGELPSLQRLSLHANRLAGTVPASLTNLVNLTILEL				369
Sbjct 301		LRRCVSLLNLDLSMNQLAGPIPPELGELPSLQRLSLHANRLAGTVPASLTNLVNLTILEL				360



Query	370	SENHLSGPLPASIGSLRNLRRLLIVQNNLSLGGQIPASISNCTQLANASMSFNLFSGPLPAG	429
Sbjct	361	SENHLSGPLPASIGSLRNLRRLLIVQNNLSLGGQIPASISNCTQLANASMSFNLFSGPLPAG	420
Query	430	LGRLQSLMFLSLGQNSLAGDIPDDLFDCCGQLQKLDLSENSFTGGLSRLVGQLGNTVLQL	489
Sbjct	421	LGRLQSLMFLSLGQNSLAGDIPDDLFDCCGQLQKLDLSENSFTGGLSRLVGQLGNTVLQL	480
Query	490	QGNALSGEIPEEIGNMTKLISLKLGRNRFAGHVPASISNMSSLQLLDLGHNRDGVFPPE	549
Sbjct	481	QGNALSGEIPEEIGNMTKLISLKLGRNRFAGHVPASISNMSSLQLLDLGHNRDGVFPPE	540
Query	550	VFELRQLTILGAGSNRFAGPIPDAVANLRSLSFLDLSSNMLNGTVPAALgrldqlltldl	609
Sbjct	541	VFELRQLTILGAGSNRFAGPIPDAVANLRSLSFLDLSSNMLNGTVPAALGRLDQLLTLDL	600
Query	610	SHNRLAGAIIPGAVIASMSNVQMYLNLNSNAFTGAIPAEIGGLVMVQITIDLSNNQLSGGVP	669
Sbjct	601	SHNRLAGAIIPGAVIASMSNVQMYLNLNSNAFTGAIPAEIGGLVMVQITIDLSNNQLSGGVP	660
Query	670	ATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPADIAALKHIQT	729
Sbjct	661	ATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPADIAALKHIQT	720
Query	730	LDVSRNAFAGAIPPALANLTALRSLNLSNFTFEGPVPDGGVFRNLTMSSLQGNAGLGGK	789
Sbjct	721	LDVSRNAFAGAIPPALANLTALRSLNLSNFTFEGPVPDGGVFRNLTMSSLQGNAGLGGK	780
Query	790	LLAPCHGHAAGKKRVFSRTGLVILVVLIALSTLLLLMVALILLVSYRRYRRKRAADIAG	849
Sbjct	781	LLAPCHGHAAGKKRVFSRTGLVILVVLIALSTLLLLMVALILLVSYRRYRRKRAADIAG	840
Query	850	DSPEAAVVPELRRFSYGQAAATNSFDQGNVIGSSNLSTVYKGVLAGDADGGMVAVKR	909
Sbjct	841	DSPEAAVVPELRRFSYGQAAATNSFDQGNVIGSSNLSTVYKGVLAGDADGGMVAVKR	900
Query	910	LNLEQFPSKSDKCFLELATLSRLRHKNLARVVGYAWEAGKIKALVLDYMVNGDLGAIH	969
Sbjct	901	LNLEQFPSKSDKCFLELATLSRLRHKNLARVVGYAWEAGKIKALVLDYMVNGDLGAIH	960
Query	970	GGaaapppapSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVLLDGDWEARV	1029
Sbjct	961	GGAAAPPAPSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVLLDGDWEARV	1020
Query	1030	SDFGTARMLGVHLPaaanaaaqstatssaFRGTVGYMAPEFAYMRTVSTKVDVFSFGVLA	1089
Sbjct	1021	SDFGTARMLGVHLPAAANAAAQSTATSSAFRGTVGYMAPEFAYMRTVSTKVDVFSFGVLA	1080
Query	1090	MELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEADLSTAADV	1149
Sbjct	1081	MELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEADLSTAADV	1140
Query	1150	AVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED 1183	
Sbjct	1141	AVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED 1174	

hypothetical protein OsJ\_16186 [Oryza sativa Japonica Group]

Sequence ID: **EAZ32006.1** Length: 1174 Number of Matches: 1

Range 1: 1 to 1174

Score	Expect	Method	Identities	Positives	Gaps	Frame
2117 bits(5484)	0.0()	Compositional matrix adjust.	1173/1174(99%)	1173/1174(99%)	0/1174(0%)	
Query	10	MSQHYYTKTICIAVVLVAVLFSLSAAAAAGSGAAVSVQLEALLEFKNGVADDPLGVLGWR				69
Sbjct	1	MSQHYYTKTICIAVVLVAVLFSLSAAAAAGSGAAVSVQLEALLEFKNGVADDPLGVLGWR				60
Query	70	VGKSGDGAVRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL				129
		VGKSGDGAVRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL				

Sbjct	61	VGKSGDGAVRGGALPRHCNWTGVACDAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL	120
Query	130	TSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSAMWALALNVNLTGAIPSC	189
Sbjct	121	TSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSAMWALALNVNLTGAIPSC	180
Query	190	IGDLSNLEIFEAYLNNLDGELPPSMAKLKGIMVVDLSCNQLSGSIPPEIGDLSNLQILQL	249
Sbjct	181	IGDLSNLEIFEAYLNNLDGELPPSMAKLKGIMVVDLSCNQLSGSIPPEIGDLSNLQILQL	240
Query	250	YENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKNALTSEIPRS	309
Sbjct	241	YENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKNALTSEIPRS	300
Query	310	LRRCVSLNLDLSMNQLAGPIPELDELPSLQRLSLHANRLAGTVPASLTNLVNLTIEL	369
Sbjct	301	LRRCVSLNLDLSMNQLAGPIPELDELPSLQRLSLHANRLAGTVPASLTNLVNLTIEL	360
Query	370	SENHLSGPLPASIGSLRNLRLRRLIVQNNLSGQIPASISNCTQLANASMSFNLFSGPLPAG	429
Sbjct	361	SENHLSGPLPASIGSLRNLRLRRLIVQNNLSGQIPASISNCTQLANASMSFNLFSGPLPAG	420
Query	430	LGRLQSLMFLSLGQNSLAGDIPDDLFDCCGQLQKLDLSENSFTGGLSRLVGQGNLTVLQL	489
Sbjct	421	LGRLQSLMFLSLGQNSLAGDIPDDLFDCCGQLQKLDLSENSFTGGLSRLVGQGNLTVLQL	480
Query	490	QGNALSGEIPEEIGNMTKLISLKLGRNRFAGHVPASISNMSSLQLLDLGHNRDLGVFPAE	549
Sbjct	481	QGNALSGEIPEEIGNMTKLISLKLGRNRFAGHVPASISNMSSLQLLDLGHNRDLGVFPAE	540
Query	550	VFELRQLTILGAGSNRFAGPIPAVANLRSLSFLDLSSNMLNGTVPAAIgrldglltldl	609
Sbjct	541	VFELRQLTILGAGSNRFAGPIPAVANLRSLSFLDLSSNMLNGTVPAAIgrldglltldl	600
Query	610	SHNRLAGAI PGAVIASMSNVQMYLNL SNAFTGAIPAEIGGLVMVQTI DLSNNQLSGGVP	669
Sbjct	601	SHNRLAGAI PGAVIASMSNVQMYLNL SNAFTGAIPAEIGGLVMVQTI DLSNNQLSGGVP	660
Query	670	ATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPADIAALKHIQT	729
Sbjct	661	ATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPADIAALKHIQT	720
Query	730	LDVSRNAFAGAI PPALANLTALRSLNLS SNTFEGVPDGGVFRNL TMSLQGNAGLCGGK	789
Sbjct	721	LDVSRNAFAGAI PPALANLTALRSLNLS SNTFEGVPDGGVFRNL TMSLQGNAGLCGGK	780
Query	790	LLAPCHGHAAGKKRVFSRTGLVILVVLIALSTLLLLMVATILLVSYRRYRRKRAADIAG	849
Sbjct	781	LLAPCHGHAAGKKRVFSRTGLVILVVLIALSTLLLLMVATILLVSYRRYRRKRAADIAG	840
Query	850	DSPEAAVVPELRRFSYGQLAAATNSFDQGNVIGSSNLSTVYKGVLAGDADGGMVVAVKR	909
Sbjct	841	DSPEAAVVPELRRFSYGQLAAATNSFDQGNVIGSSNLSTVYKGVLAGDADGGMVVAVKR	900
Query	910	LNLEQFPSKSDKCFLTELATLSRLRHKNLARVVGYAWEAGKIKALVLDYMVNGDLDGAIH	969
Sbjct	901	LNLEQFPSKSDKCFLTELATLSRLRHKNLARVVGYAWEAGKIKALVLDYMVNGDLDGAIH	960
Query	970	GGaaappapSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVLLDGDWEARV	1029
Sbjct	961	GGAAAPPAPSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVLLDGDWEARV	1020
Query	1030	SDFGTARMLGVHLPaaanaaaqstatssaFRGTVGYMAPEFAYMRTVSTKVDVFSFGVLA	1089
Sbjct	1021	SDFGTARMLGVHLPAAAANAQAQSTATSSAFRGTVGYMAPEFAYMRTVSTKVDVFSFGVLA	1080
Query	1090	MELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEADLSTAADV	1149
Sbjct	1081	MELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEADLSTAADV	1140
Query	1150	AVALSCAAFEAPADRPDMGAVLSSLLKMSKLVGED 1183	
Sbjct	1141	AVALSCAAFEAPADRPDMG VLSLLKMSKLVGED 1174	

Score	Expect	Method	Identities	Positives	Gaps	Frame
2098 bits(5437)	0.0()	Compositional matrix adjust.	1161/1174(99%)	1166/1174(99%)	0/1174(0%)	
Query 10		MSQHYTKTICIAvvlvavlfslssaaaagsgaavsvQLEALLEFKNGVADDPLGVLGWR				69
Sbjct 1		MSQHYTKTICIAVVLVAVLFLSS+AAAGSGAAVSVQLEALLEFKNGVADDPLGVLGWR				60
Query 70		VGKSGDGAVRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL				129
Sbjct 61		VGKSGDGAVRGGALPRHCNWTGVACDGAGQVTSIQLPESKLRGALSPFLGNISTLQVIDL				120
Query 130		TSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSSAMWALALNVNLTGAIPSC				189
Sbjct 121		TSNAFAGGIPPQLGRLGELEQLVVSSNYFAGGIPSSLCNCSSAMWALALNVNLTGAIPSC				180
Query 190		IGDLSNLEIFEAYLNNLDGELPPSMAKLGIMVVDLSCNQLSGSIPPEIGDLSNLQILQL				249
Sbjct 181		IGDLSNLEIFEAYLNNLDGELPPSMAKLGIMVVDLSCNQLSGSIPPEIGDLSNLQILQL				240
Query 250		YENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKNALTSEIPRS				309
Sbjct 241		YENRFSGHIPRELGRCKNLTLLNIFSNFTGEIPGELGELTNLEVMRLYKNALTSEIPRS				300
Query 310		LRRCVSLNLDLSMNQLAGPIPELGEPLSLQRLSLHANRLAGTVPASLTNLVNLTIEL				369
Sbjct 301		LRRCVSLNLDLSMNQLAGPIPELGEPLSLQRLSLHANRLAGTVPASLTNLVNLTIEL				360
Query 370		SENHLSGPLPASIGSLRNLRLRRLIVQNNSLSGQIPASISNCTQLANASMSFNLFSGPLPAG				429
Sbjct 361		SENHLSGPLPASIGSLRNLRLRRLIVQNNSLSGQIPASISNCTQLANASMSFNLFSGPLPAG				420
Query 430		LGRLQSLMFLSLGQNSLAGDIPDDLFDGQQLQKLDLSENSFTGGLSRLVGLGNLTVLQL				489
Sbjct 421		LGRLQSLMFLSLGQNSLAGDIPDDLFDGQQLQKLDLSENSFTGGLSRLVGLGNLTVLQL				480
Query 490		QGNALSGEIPEEIGNMTKLISLKLGRNRFAGHVPASISNMSSLQLLDLGHNRLDGVFPAE				549
Sbjct 481		QGNALSGEIPEEIGN+TKLISLKLGRNRFAGHVPASISNMSSLQLLDLGHNRLDG+FPAE				540
Query 550		VFELRQLTILGAGSNRFAGPIPDAVANLRSLSFLDLSNMLNGTVPAAIgrldqlltldl				609
Sbjct 541		VFELRQLTILGAGSNRFAGPIPDAVANLRSLSFLDLSNMLNGTVPAAIgrldqlltldl				600
Query 610		SHNRLAGAIIPGAVIASMSNVQMYLNLNNAFTGAIPAEIGGLVMVQITDLSNNQLSGGVP				669
Sbjct 601		SHNRLAGAIIPGAVIASMSNVQMYLNLNNAFTGAIPAEIGGLVMVQITDLSNNQLSGGVP				660
Query 670		ATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPADIAALKHIQT				729
Sbjct 661		ATLAGCKNLYSLDLSGNSLTGELPANLFPQLDLLTTLNISGNDLDGEIPADIAALKHIQT				720
Query 730		LDVSRNAFAGAIPPALANLTALRSLNLSNTEFEGPVPDGGVFRNLTMSLQGNAGLCGGK				789
Sbjct 721		LDVSRNAFAGAIPPALANLTALRSLNLSNTEFEGPVPDGGVFRNLTMSLQGNAGLCGGK				780
Query 790		LLAPCHGHAAGKRVFSRTGLVilvvlialstllllmvatillvsyrryrkrAAADIAG				849
Sbjct 781		LLVPCGHGAAGKRVFSRTGLVILVVLIALSTLLLLMVATILL+YRRYRRKRAA IAG				840
Query 850		DSPEAAVVPELRRFSYGQLAAATNSFDQGNVIGSSNLSTVYKGVLAGDADGGMVAVKR				909
Sbjct 841		DSPEAAVVPELRRFSYGQLAAATNSFDQGNVIGSSNLSTVYKGVLAGDADGGMVAVKR				900
Query 910		LNLEQFPSKSDKCFTELATLSRLRHKNLARVVGAWAEGKIKALVLDYMVNGDLGAIH				969
Sbjct 901		LNLEQFPSKSDKCFTELATLSRLRHKNLARVVGAWAEGKIKALVLDYMVNGDLGAIH				960
Query 970		GGaaappapSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVLLDGDWEARV				1029

Sbjct	961	GGAAAPP APSRWTVRERLRVCVSAHGLVYLHSGYDFPVVHCDVKPSNVLLDGDWEARV	1020
Query	1030	SDFGTARMLGVHLPaaaanaaaqstatssaFRGTVGYMAPEFAYMRTVSTKVDVFSFGVLA	1089
Sbjct	1021	SDFGTARMLGVHLPAAA+AAAQSTATSSAFRGTVGYMAPEFAYMRTVSTKVDVFSFGVLA	1080
Query	1090	MELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEADLSTAADV	1149
Sbjct	1081	MELFTGRRPTGTIEEDGVPLTLQQLVDNAVSRGLDGVHAVLDPRMKVATEADLSTAADV	1140
Query	1150	AVALSCAAFEPADRPDMGAVLSSllkmsklVGED 1183	
Sbjct	1141	AVALSCAAFEPADRPDMGAVLSSLLKMSKLVGED 1174	

## Taxonomy

### Reports

#### Lineage

Organism	Blast Name	Score	Number of Hits	Description
<a href="#">Mesangiospermae</a>	<a href="#">flowering plants</a>		<u>129</u>	
<a href="#">.Petrosaviidae</a>	<a href="#">monocots</a>		<u>97</u>	
<a href="#">..commelinids</a>	<a href="#">monocots</a>		<u>84</u>	
<a href="#">...Poales</a>	<a href="#">monocots</a>		<u>70</u>	
<a href="#">....Poaceae</a>	<a href="#">monocots</a>		<u>68</u>	
<a href="#">.....BOP clade</a>	<a href="#">monocots</a>		<u>34</u>	
<a href="#">.....Oryzeae</a>	<a href="#">monocots</a>		<u>13</u>	
<a href="#">.....Oryza</a>	<a href="#">monocots</a>		<u>12</u>	
<a href="#">.....Oryza sativa</a>	<a href="#">monocots</a>		<u>2</u>	
<a href="#">.....Oryza sativa Japonica Group</a>	<a href="#">monocots</a>	2139	<u>7</u>	<b><u>Oryza sativa Japonica Group hits</u></b>
<a href="#">.....Oryza sativa Indica Group</a>	<a href="#">monocots</a>	1320	<u>1</u>	<b><u>Oryza sativa Indica Group hits</u></b>
<a href="#">.....Oryza sativa</a>	<a href="#">monocots</a>	2138	<u>2</u>	<b><u>Oryza sativa hits</u></b>
<a href="#">.....Oryza brachyantha</a>	<a href="#">monocots</a>	1747	<u>1</u>	<b><u>Oryza brachyantha hits</u></b>
<a href="#">.....Oryza meyeriana var. granulata</a>	<a href="#">monocots</a>	1732	<u>1</u>	<b><u>Oryza meyeriana var. granulata hits</u></b>
<a href="#">.....Zizania palustris</a>	<a href="#">monocots</a>	1632	<u>1</u>	<b><u>Zizania palustris hits</u></b>
<a href="#">.....Phyllostachys edulis</a>	<a href="#">monocots</a>	1555	<u>1</u>	<b><u>Phyllostachys edulis hits</u></b>
<a href="#">.....Triticum dicoccoides</a>	<a href="#">monocots</a>	1522	<u>2</u>	<b><u>Triticum dicoccoides hits</u></b>
<a href="#">.....Triticum aestivum</a>	<a href="#">monocots</a>	1522	<u>7</u>	<b><u>Triticum aestivum hits</u></b>
<a href="#">.....Triticum turgidum subsp. durum</a>	<a href="#">monocots</a>	1522	<u>5</u>	<b><u>Triticum turgidum subsp. durum hits</u></b>
<a href="#">.....Hordeum vulgare subsp. vulgare</a>	<a href="#">monocots</a>	1453	<u>2</u>	<b><u>Hordeum vulgare subsp. vulgare hits</u></b>
<a href="#">.....Hordeum vulgare</a>	<a href="#">monocots</a>	1453	<u>1</u>	<b><u>Hordeum vulgare hits</u></b>
<a href="#">.....Aegilops tauschii subsp. strangulata</a>	<a href="#">monocots</a>	1451	<u>1</u>	<b><u>Aegilops tauschii subsp. strangulata hits</u></b>
<a href="#">.....Brachypodium distachyon</a>	<a href="#">monocots</a>	1388	<u>2</u>	<b><u>Brachypodium distachyon hits</u></b>

..... <a href="#">Panicum miliaceum</a>	<a href="#">monocots</a>	1503	<u>2</u>	<b><u>Panicum miliaceum hits</u></b>
..... <a href="#">Panicum hallii var. hallii</a>	<a href="#">monocots</a>	1495	<u>1</u>	<b><u>Panicum hallii var. hallii hits</u></b>
..... <a href="#">Panicum hallii</a>	<a href="#">monocots</a>	1495	<u>2</u>	<b><u>Panicum hallii hits</u></b>
..... <a href="#">Digitaria exilis</a>	<a href="#">monocots</a>	1481	<u>5</u>	<b><u>Digitaria exilis hits</u></b>
..... <a href="#">Panicum virgatum</a>	<a href="#">monocots</a>	1481	<u>8</u>	<b><u>Panicum virgatum hits</u></b>
..... <a href="#">Setaria viridis</a>	<a href="#">monocots</a>	1474	<u>2</u>	<b><u>Setaria viridis hits</u></b>
..... <a href="#">Dichantherium oligosanthes</a>	<a href="#">monocots</a>	1469	<u>1</u>	<b><u>Dichantherium oligosanthes hits</u></b>
..... <a href="#">Setaria italica</a>	<a href="#">monocots</a>	1463	<u>2</u>	<b><u>Setaria italica hits</u></b>
..... <a href="#">Sorghum bicolor</a>	<a href="#">monocots</a>	1457	<u>3</u>	<b><u>Sorghum bicolor hits</u></b>
..... <a href="#">Eragrostis curvula</a>	<a href="#">monocots</a>	1454	<u>2</u>	<b><u>Eragrostis curvula hits</u></b>
..... <a href="#">Zea mays</a>	<a href="#">monocots</a>	1429	<u>3</u>	<b><u>Zea mays hits</u></b>
..... <a href="#">Eleusine coracana subsp. coracana</a>	<a href="#">monocots</a>	1343	<u>2</u>	<b><u>Eleusine coracana subsp. coracana hits</u></b>
..... <a href="#">Miscanthus lutarioriparius</a>	<a href="#">monocots</a>	1189	<u>1</u>	<b><u>Miscanthus lutarioriparius hits</u></b>
... <a href="#">Ananas comosus</a>	<a href="#">monocots</a>	1197	<u>2</u>	<b><u>Ananas comosus hits</u></b>
... <a href="#">Elaeis guineensis</a>	<a href="#">monocots</a>	1191	<u>1</u>	<b><u>Elaeis guineensis hits</u></b>
... <a href="#">Phoenix dactylifera</a>	<a href="#">monocots</a>	1190	<u>1</u>	<b><u>Phoenix dactylifera hits</u></b>
... <a href="#">Musa acuminata subsp. malaccensis</a>	<a href="#">monocots</a>	1184	<u>2</u>	<b><u>Musa acuminata subsp. malaccensis hits</u></b>
... <a href="#">Musa balbisiana</a>	<a href="#">monocots</a>	1177	<u>1</u>	<b><u>Musa balbisiana hits</u></b>
... <a href="#">Zingiber officinale</a>	<a href="#">monocots</a>	1125	<u>4</u>	<b><u>Zingiber officinale hits</u></b>
... <a href="#">Ensete ventricosum</a>	<a href="#">monocots</a>	1055	<u>4</u>	<b><u>Ensete ventricosum hits</u></b>
... <a href="#">Cocos nucifera</a>	<a href="#">monocots</a>	1043	<u>1</u>	<b><u>Cocos nucifera hits</u></b>
.. <a href="#">Dendrobium chrysotoxum</a>	<a href="#">monocots</a>	1117	<u>1</u>	<b><u>Dendrobium chrysotoxum hits</u></b>
.. <a href="#">Apostasia shenzhenica</a>	<a href="#">monocots</a>	1101	<u>1</u>	<b><u>Apostasia shenzhenica hits</u></b>
.. <a href="#">Dioscorea alata</a>	<a href="#">monocots</a>	1095	<u>2</u>	<b><u>Dioscorea alata hits</u></b>
.. <a href="#">Dendrobium nobile</a>	<a href="#">monocots</a>	1088	<u>1</u>	<b><u>Dendrobium nobile hits</u></b>
.. <a href="#">Dioscorea cayenensis subsp. rotundata</a>	<a href="#">monocots</a>	1088	<u>1</u>	<b><u>Dioscorea cayenensis subsp. rotundata hits</u></b>
.. <a href="#">Dendrobium catenatum</a>	<a href="#">monocots</a>	1081	<u>5</u>	<b><u>Dendrobium catenatum hits</u></b>
.. <a href="#">Phalaenopsis equestris</a>	<a href="#">monocots</a>	1053	<u>1</u>	<b><u>Phalaenopsis equestris hits</u></b>
.. <a href="#">Lilium regale</a>	<a href="#">monocots</a>	1053	<u>1</u>	<b><u>Lilium regale hits</u></b>
. <a href="#">Vitis vinifera</a>	<a href="#">eudicots</a>	1085	<u>4</u>	<b><u>Vitis vinifera hits</u></b>
. <a href="#">Vitis riparia</a>	<a href="#">eudicots</a>	1081	<u>2</u>	<b><u>Vitis riparia hits</u></b>
. <a href="#">Tetracentron sinense</a>	<a href="#">flowering plants</a>	1065	<u>1</u>	<b><u>Tetracentron sinense hits</u></b>
. <a href="#">Macleaya cordata</a>	<a href="#">flowering plants</a>	1065	<u>1</u>	<b><u>Macleaya cordata hits</u></b>
. <a href="#">Nyssa sinensis</a>	<a href="#">eudicots</a>	1063	<u>1</u>	<b><u>Nyssa sinensis hits</u></b>
. <a href="#">Cinnamomum micranthum f. kanehirae</a>	<a href="#">flowering plants</a>	1056	<u>1</u>	<b><u>Cinnamomum micranthum f. kanehirae hits</u></b>
. <a href="#">Rhododendron simsii</a>	<a href="#">eudicots</a>	1051	<u>2</u>	<b><u>Rhododendron simsii hits</u></b>
. <a href="#">Camellia sinensis</a>	<a href="#">eudicots</a>	1049	<u>3</u>	<b><u>Camellia sinensis hits</u></b>

<a href="#">.Camellia sinensis var. sinensis</a>	<a href="#">eudicots</a>	1049	<a href="#">1</a>	<a href="#">Camellia sinensis var. sinensis hits</a>
<a href="#">.Coptis chinensis</a>	<a href="#">flowering plants</a>	1049	<a href="#">1</a>	<a href="#">Coptis chinensis hits</a>
<a href="#">.Rhododendron griersonianum</a>	<a href="#">eudicots</a>	1047	<a href="#">1</a>	<a href="#">Rhododendron griersonianum hits</a>
<a href="#">.Carya illinoensis</a>	<a href="#">eudicots</a>	1042	<a href="#">5</a>	<a href="#">Carya illinoensis hits</a>
<a href="#">.Citrus sinensis</a>	<a href="#">eudicots</a>	1040	<a href="#">2</a>	<a href="#">Citrus sinensis hits</a>
<a href="#">.Aquilegia coerulea</a>	<a href="#">flowering plants</a>	1039	<a href="#">1</a>	<a href="#">Aquilegia coerulea hits</a>
<a href="#">.Mangifera indica</a>	<a href="#">eudicots</a>	1039	<a href="#">1</a>	<a href="#">Mangifera indica hits</a>
<a href="#">.Citrus clementina</a>	<a href="#">eudicots</a>	1038	<a href="#">2</a>	<a href="#">Citrus clementina hits</a>
<a href="#">.Sesamum indicum</a>	<a href="#">eudicots</a>	1038	<a href="#">1</a>	<a href="#">Sesamum indicum hits</a>
<a href="#">.Quercus lobata</a>	<a href="#">eudicots</a>	1037	<a href="#">1</a>	<a href="#">Quercus lobata hits</a>
<a href="#">.Quercus variabilis</a>	<a href="#">eudicots</a>	1037	<a href="#">1</a>	<a href="#">Quercus variabilis hits</a>

## Organism

Description	Score	E value	Accession
<a href="#">Oryza sativa Japonica Group (Japanese rice)</a> [monocots ]			
<a href="#">hypothetical protein DAI22_04g263700 [Oryza sativa Japonica Group]</a>	2139	0.0	<a href="#">KAF2935887</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Oryza sativa Japonica Group]</a>	2138	0.0	<a href="#">XP_015634951</a>
<b>RecName: Full=LRR receptor-like serine/threonine-protein kinase FLS2; AltName: Full=Protein FLAGELLIN-SENSING 2 homolog; Short=OsFLS2; AltName: Full=Protein FLAGELLIN-SENSITIVE 2 homolog; Flags: Precursor [Oryza sativa Japonica Group]</b>	2138	0.0	<a href="#">Q0JA29</a>
<a href="#">Os04g0618700 [Oryza sativa Japonica Group]</a>	2138	0.0	<a href="#">BAF15808</a>
<a href="#">Os04g0618700 [Oryza sativa Japonica Group]</a>	2138	0.0	<a href="#">BAS91038</a>
<a href="#">OSJNBa0058K23.7 [Oryza sativa Japonica Group]</a>	2118	0.0	<a href="#">CAE02151</a>
<a href="#">hypothetical protein OsJ_16186 [Oryza sativa Japonica Group]</a>	2117	0.0	<a href="#">EAZ32006</a>
<a href="#">Oryza sativa (Asian cultivated rice)</a> [monocots ]			
<a href="#">hypothetical protein EE612_025592 [Oryza sativa]</a>	2138	0.0	<a href="#">KAB8096965</a>
<a href="#">H0313F03.16 [Oryza sativa]</a>	2098	0.0	<a href="#">CAH68341</a>
<a href="#">Oryza brachyantha (malo sina)</a> [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Oryza brachyantha]</a>	1747	0.0	<a href="#">XP_040379032</a>
<a href="#">Oryza meyeriana var. granulata</a> [monocots ]			
<a href="#">hypothetical protein E2562_016856 [Oryza meyeriana var. granulata]</a>	1732	0.0	<a href="#">KAF0892559</a>
<a href="#">Zizania palustris</a> [monocots ]			
<a href="#">hypothetical protein GUJ93_ZPchr0004g39530 [Zizania palustris]</a>	1632	0.0	<a href="#">KAG8066297</a>
<a href="#">Phyllostachys edulis</a> [monocots ]			
<a href="#">PH01B019A14.19 [Phyllostachys edulis]</a>	1555	0.0	<a href="#">CCI55350</a>
<a href="#">Triticum dicoccoides</a> [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum dicoccoides]</a>	1522	0.0	<a href="#">XP_037479342</a>

Description	Score	E value	Accession
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum dicoccoides]</u></b> Triticum aestivum (bread wheat) [monocots ]	1458	0.0	<a href="#">XP_037487224</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum aestivum]</u></b>	1522	0.0	<a href="#">XP_044459025</a>
<b><u>hypothetical protein CFC21_018977 [Triticum aestivum]</u></b>	1522	0.0	<a href="#">KAF7003687</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum aestivum]</u></b>	1485	0.0	<a href="#">XP_044326092</a>
<b><u>hypothetical protein CFC21_025425 [Triticum aestivum]</u></b>	1485	0.0	<a href="#">KAF7011078</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Triticum aestivum]</u></b>	1461	0.0	<a href="#">XP_044334318</a>
<b><u>hypothetical protein CFC21_031726 [Triticum aestivum]</u></b>	1461	0.0	<a href="#">KAF7018436</a>
<b><u>unnamed protein product [Triticum aestivum]</u></b> Triticum turgidum subsp. durum (durum wheat) [monocots ]	1461	0.0	<a href="#">SPT19978</a>
<b><u>unnamed protein product [Triticum turgidum subsp. durum]</u></b>	1522	0.0	<a href="#">VAH36634</a>
<b><u>unnamed protein product [Triticum turgidum subsp. durum]</u></b>	1488	0.0	<a href="#">VAH51942</a>
<b><u>unnamed protein product [Triticum turgidum subsp. durum]</u></b>	1376	0.0	<a href="#">VAH36636</a>
<b><u>unnamed protein product [Triticum turgidum subsp. durum]</u></b>	1264	0.0	<a href="#">VAH51943</a>
<b><u>unnamed protein product [Triticum turgidum subsp. durum]</u></b> Panicum miliaceum [monocots ]	1258	0.0	<a href="#">VAH36635</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum miliaceum]</u></b>	1503	0.0	<a href="#">RLM74152</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum miliaceum]</u></b> Panicum hallii var. hallii [monocots ]	1436	0.0	<a href="#">RLM69419</a>
<b><u>hypothetical protein GQ55_7G285300 [Panicum hallii var. hallii]</u></b> Panicum hallii [monocots ]	1495	0.0	<a href="#">PUZ48937</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum hallii]</u></b>	1495	0.0	<a href="#">XP_025822857</a>
<b><u>hypothetical protein PAHAL_7G293500 [Panicum hallii]</u></b> Digitaria exilis [monocots ]	1495	0.0	<a href="#">PAN40126</a>
<b><u>unnamed protein product [Digitaria exilis]</u></b>	1481	0.0	<a href="#">CAB3485773</a>
<b><u>hypothetical protein HU200_013768 [Digitaria exilis]</u></b>	1481	0.0	<a href="#">KAF8740775</a>
<b><u>hypothetical protein HU200_063441 [Digitaria exilis]</u></b>	1476	0.0	<a href="#">KAF8651198</a>
<b><u>unnamed protein product [Digitaria exilis]</u></b>	1476	0.0	<a href="#">CAB3488292</a>
<b><u>hypothetical protein HU200_064188 [Digitaria exilis]</u></b> Panicum virgatum (switchgrass) [monocots ]	1459	0.0	<a href="#">KAF8649648</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum virgatum]</u></b>	1481	0.0	<a href="#">XP_039773977</a>
<b><u>hypothetical protein PVAP13_7KG349100 [Panicum virgatum]</u></b>	1481	0.0	<a href="#">KAG2574786</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum virgatum]</u></b>	1477	0.0	<a href="#">XP_039822020</a>
<b><u>hypothetical protein PVAP13_7NG399025 [Panicum virgatum]</u></b>	1477	0.0	<a href="#">KAG2568831</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Panicum virgatum]</u></b>	1434	0.0	<a href="#">XP_039782613</a>

Description	Score	E value	Accession
<a href="#">hypothetical protein PVAP13_9KG470017 [Panicum virgatum]</a>	1434	0.0	<a href="#">KAG2545928</a>
<a href="#">hypothetical protein PVAP13_7KG349100 [Panicum virgatum]</a>	1311	0.0	<a href="#">KAG2574787</a>
<a href="#">hypothetical protein PVAP13_9KG470017 [Panicum virgatum]</a>	1268	0.0	<a href="#">KAG2545929</a>
Setaria viridis [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Setaria viridis]</a>	1474	0.0	<a href="#">XP_034605784</a>
<a href="#">hypothetical protein SEVIR_7G251400v2 [Setaria viridis]</a>	1474	0.0	<a href="#">TKW06615</a>
Dichanthelium oligosanthes [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Dichanthelium oligosanthes]</a>	1469	0.0	<a href="#">OEL23707</a>
Setaria italica (foxtail millet) [monocots ]			
<a href="#">LOW QUALITY PROTEIN: LRR receptor-like serine/threonine-protein kinase FLS2 [Setaria italica]</a>	1463	0.0	<a href="#">XP_012703334</a>
<a href="#">hypothetical protein SETIT_7G239900v2 [Setaria italica]</a>	1147	0.0	<a href="#">RCV35437</a>
Sorghum bicolor (sorghum) [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Sorghum bicolor]</a>	1457	0.0	<a href="#">XP_002448543</a>
<a href="#">hypothetical protein SORBI_3006G217900 [Sorghum bicolor]</a>	1457	0.0	<a href="#">EES12871</a>
<a href="#">hypothetical protein BDA96_06G238300 [Sorghum bicolor]</a>	1457	0.0	<a href="#">KAG0527500</a>
Eragrostis curvula (weeping love grass) [monocots ]			
<a href="#">hypothetical protein EJB05_38319, partial [Eragrostis curvula]</a>	1454	0.0	<a href="#">TVU14826</a>
<a href="#">hypothetical protein EJB05_55128, partial [Eragrostis curvula]</a>	1391	0.0	<a href="#">TVT99459</a>
Hordeum vulgare subsp. vulgare (domesticated barley) [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Hordeum vulgare subsp. vulgare]</a>	1453	0.0	<a href="#">XP_044967878</a>
<a href="#">predicted protein, partial [Hordeum vulgare subsp. vulgare]</a>	1391	0.0	<a href="#">BAJ89141</a>
Hordeum vulgare [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Hordeum vulgare]</a>	1453	0.0	<a href="#">KAE8773048</a>
Aegilops tauschii subsp. strangulata [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Aegilops tauschii subsp. strangulata]</a>	1451	0.0	<a href="#">XP_020161897</a>
Zea mays [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zea mays]</a>	1429	0.0	<a href="#">PWZ39525</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zea mays]</a>	1417	0.0	<a href="#">XP_008668880</a>
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Zea mays]</a>	1417	0.0	<a href="#">ONM13841</a>
Brachypodium distachyon (stiff brome) [monocots ]			
<a href="#">LRR receptor-like serine/threonine-protein kinase FLS2 [Brachypodium distachyon]</a>	1388	0.0	<a href="#">XP_010227269</a>
<a href="#">hypothetical protein BRADI_5g21960v3 [Brachypodium distachyon]</a>	1388	0.0	<a href="#">KQJ84633</a>
Eleusine coracana subsp. coracana [monocots ]			
<a href="#">hypothetical protein PR202_ga19028 [Eleusine coracana subsp. coracana]</a>	1343	0.0	<a href="#">GJN01739</a>
<a href="#">hypothetical protein PR202_gb14366 [Eleusine coracana subsp. coracana]</a>	1317	0.0	<a href="#">GJN26438</a>



Description	Score	E value	Accession
Oryza sativa Indica Group (long-grained rice) [monocots ]			
<b><u>hypothetical protein Osl_17436 [Oryza sativa Indica Group]</u></b>	1320	0.0	<a href="#">EEC78020</a>
Ananas comosus (pineapple) [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Ananas comosus]</u></b>	1197	0.0	<a href="#">XP_020103276</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Ananas comosus]</u></b>	1196	0.0	<a href="#">OAY74928</a>
Elaeis guineensis (African oil palm) [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Elaeis guineensis]</u></b>	1191	0.0	<a href="#">XP_010926905</a>
Phoenix dactylifera (date palm) [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Phoenix dactylifera]</u></b>	1190	0.0	<a href="#">XP_008778161</a>
Miscanthus lutarioriparius [monocots ]			
<b><u>unnamed protein product [Miscanthus lutarioriparius]</u></b>	1189	0.0	<a href="#">CAD6262265</a>
Musa acuminata subsp. malaccensis (wild Malaysian banana) [monocots ]			
<b><u>PREDICTED: LRR receptor-like serine/threonine-protein kinase FLS2 [Musa acuminata subsp. malaccensis]</u></b>	1184	0.0	<a href="#">XP_018683699</a>
<b><u>unnamed protein product [Musa acuminata subsp. malaccensis]</u></b>	1184	0.0	<a href="#">CAG1846917</a>
Musa balbisiana (Balbis banana) [monocots ]			
<b><u>hypothetical protein C4D60_Mb06t20010 [Musa balbisiana]</u></b>	1177	0.0	<a href="#">THU50419</a>
Zingiber officinale [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Zingiber officinale]</u></b>	1125	0.0	<a href="#">XP_042402383</a>
<b><u>hypothetical protein ZIOFF_043053 [Zingiber officinale]</u></b>	1125	0.0	<a href="#">KAG6495259</a>
<b><u>hypothetical protein ZIOFF_039006 [Zingiber officinale]</u></b>	1122	0.0	<a href="#">KAG6499249</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Zingiber officinale]</u></b>	1122	0.0	<a href="#">XP_042405960</a>
Dendrobium chrysotoxum [monocots ]			
<b><u>hypothetical protein IEQ34_018130 [Dendrobium chrysotoxum]</u></b>	1117	0.0	<a href="#">KAH0453806</a>
Apostasia shenzhenica [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Apostasia shenzhenica]</u></b>	1101	0.0	<a href="#">PKA64048</a>
Dioscorea alata [monocots ]			
<b><u>Non-specific serine/threonine protein kinase protein [Dioscorea alata]</u></b>	1095	0.0	<a href="#">KAH7654408</a>
<b><u>Non-specific serine/threonine protein kinase protein [Dioscorea alata]</u></b>	1071	0.0	<a href="#">KAH7654407</a>
Dendrobium nobile [monocots ]			
<b><u>hypothetical protein KFK09_021959 [Dendrobium nobile]</u></b>	1088	0.0	<a href="#">KAI0495656</a>
Dioscorea cayenensis subsp. rotundata (Guinea yam) [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Dioscorea cayenensis subsp. rotundata]</u></b>	1088	0.0	<a href="#">XP_039115297</a>
Vitis vinifera (wine grape) [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 precursor [Vitis vinifera]</u></b>	1085	0.0	<a href="#">NP_001306209</a>
<b><u>flagelling sensing 2 [Vitis vinifera]</u></b>	1085	0.0	<a href="#">AHC08662</a>

Description	Score	E value	Accession
<b><u>hypothetical protein VITISV_031289 [Vitis vinifera]</u></b>	1083	0.0	<a href="#">CAN78669</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Vitis vinifera]</u></b>	1083	0.0	<a href="#">RVX10881</a>
Vitis riparia (riverbank grape) [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Vitis riparia]</u></b>	1081	0.0	<a href="#">XP_034697905</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Vitis riparia]</u></b>	1045	0.0	<a href="#">XP_034697906</a>
Dendrobium catenatum [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 isoform X1 [Dendrobium catenatum]</u></b>	1081	0.0	<a href="#">XP_028550558</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 isoform X1 [Dendrobium catenatum]</u></b>	1081	0.0	<a href="#">XP_028550560</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 isoform X2 [Dendrobium catenatum]</u></b>	1080	0.0	<a href="#">XP_028550561</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 isoform X3 [Dendrobium catenatum]</u></b>	1080	0.0	<a href="#">XP_028550562</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Dendrobium catenatum]</u></b>	1080	0.0	<a href="#">PKU80305</a>
Tetracentron sinense [flowering plants ]			
<b><u>hypothetical protein HHK36_003528 [Tetracentron sinense]</u></b>	1065	0.0	<a href="#">KAF8410989</a>
Macleaya cordata [flowering plants ]			
<b><u>Protein kinase domain [Macleaya cordata]</u></b>	1065	0.0	<a href="#">OVA13224</a>
Nyssa sinensis [eudicots ]			
<b><u>hypothetical protein F0562_018252 [Nyssa sinensis]</u></b>	1063	0.0	<a href="#">KAA8514961</a>
Cinnamomum micranthum f. kanehirae [flowering plants ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Cinnamomum micranthum f. kanehirae]</u></b>	1056	0.0	<a href="#">RWR85796</a>
Ensete ventricosum [monocots ]			
<b><u>hypothetical protein B296_00009171 [Ensete ventricosum]</u></b>	1055	0.0	<a href="#">RRT70970</a>
<b><u>hypothetical protein GW17_00001776 [Ensete ventricosum]</u></b>	1049	0.0	<a href="#">RWW33519</a>
<b><u>hypothetical protein BHM03_00018160 [Ensete ventricosum]</u></b>	1046	0.0	<a href="#">RZR90314</a>
<b><u>hypothetical protein BHE74_00006555 [Ensete ventricosum]</u></b>	1044	0.0	<a href="#">RWW84814</a>
Phalaenopsis equestris [monocots ]			
<b><u>LOW QUALITY PROTEIN: LRR receptor-like serine/threonine-protein kinase FLS2 [Phalaenopsis equestris]</u></b>	1053	0.0	<a href="#">XP_020586300</a>
Lilium regale [monocots ]			
<b><u>LRR receptor-like protein serine/threonine-protein kinase FLS2 [Lilium regale]</u></b>	1053	0.0	<a href="#">ASV46330</a>
Rhododendron simsii [eudicots ]			
<b><u>hypothetical protein RHSIM_Rhsim13G0192600 [Rhododendron simsii]</u></b>	1051	0.0	<a href="#">KAF7120791</a>
<b><u>hypothetical protein RHSIM_Rhsim13G0192900 [Rhododendron simsii]</u></b>	1048	0.0	<a href="#">KAF7119824</a>
Camellia sinensis [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Camellia sinensis]</u></b>	1049	0.0	<a href="#">XP_028110568</a>
<b><u>hypothetical protein HYC85_017531 [Camellia sinensis]</u></b>	1045	0.0	<a href="#">KAF5943454</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Camellia sinensis]</u></b>	1043	0.0	<a href="#">XP_028110569</a>

Description	Score	E value	Accession
Camellia sinensis var. sinensis [eudicots ]			
<b><u>hypothetical protein TEA_017261 [Camellia sinensis var. sinensis]</u></b>	1049	0.0	<a href="#">THG03202</a>
Coptis chinensis [flowering plants ]			
<b><u>hypothetical protein IFM89_006889 [Coptis chinensis]</u></b>	1049	0.0	<a href="#">KAF9588010</a>
Rhododendron griersonianum [eudicots ]			
<b><u>hypothetical protein RHGR1_037804 [Rhododendron griersonianum]</u></b>	1047	0.0	<a href="#">KAG5517165</a>
Cocos nucifera (coconut palm) [monocots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Cocos nucifera]</u></b>	1043	0.0	<a href="#">KAG1331853</a>
Carya illinoensis [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Carya illinoensis]</u></b>	1042	0.0	<a href="#">XP_042946314</a>
<b><u>hypothetical protein CIPAW_10G093700 [Carya illinoensis]</u></b>	1042	0.0	<a href="#">KAG6639349</a>
<b><u>hypothetical protein I3842_10G093000 [Carya illinoensis]</u></b>	1042	0.0	<a href="#">KAG6692037</a>
<b><u>hypothetical protein I3843_10G089000 [Carya illinoensis]</u></b>	1042	0.0	<a href="#">KAG7959830</a>
<b><u>hypothetical protein I3760_10G092800 [Carya illinoensis]</u></b>	1041	0.0	<a href="#">KAG2684804</a>
Citrus sinensis (sweet orange) [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Citrus sinensis]</u></b>	1040	0.0	<a href="#">XP_006478743</a>
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Citrus sinensis]</u></b>	1038	0.0	<a href="#">KAH9783504</a>
Aquilegia coerulea [flowering plants ]			
<b><u>hypothetical protein AQUCO_01600052v1 [Aquilegia coerulea]</u></b>	1039	0.0	<a href="#">PIA45579</a>
Mangifera indica (mango) [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Mangifera indica]</u></b>	1039	0.0	<a href="#">XP_044460723</a>
Citrus clementina [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Citrus clementina]</u></b>	1038	0.0	<a href="#">XP_024043468</a>
<b><u>hypothetical protein CICLE_v10024610mg [Citrus clementina]</u></b>	1037	0.0	<a href="#">ESR56215</a>
Sesamum indicum (sesame) [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Sesamum indicum]</u></b>	1038	0.0	<a href="#">XP_011085266</a>
Quercus lobata [eudicots ]			
<b><u>LRR receptor-like serine/threonine-protein kinase FLS2 [Quercus lobata]</u></b>	1037	0.0	<a href="#">XP_030967995</a>
Quercus variabilis [eudicots ]			
<b><u>FLS2 [Quercus variabilis]</u></b>	1037	0.0	<a href="#">AZW07569</a>

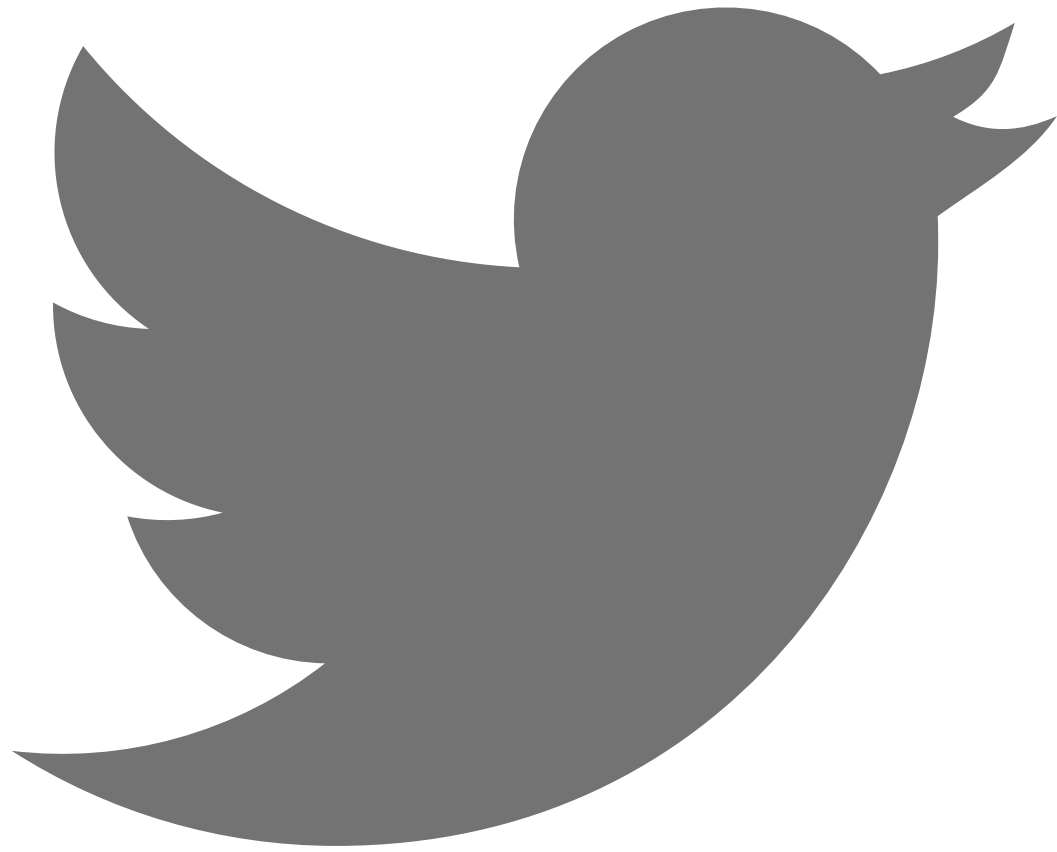
## Taxonomy

Taxonomy	Number of hits	Number of Organisms	Description
<a href="#">Mesangiospermae</a>	129	62	

. <a href="#">Petrosaviidae</a>	<a href="#">97</a>	43	
.. <a href="#">commelinids</a>	<a href="#">84</a>	35	
... <a href="#">Poales</a>	<a href="#">70</a>	28	
.... <a href="#">Poaceae</a>	<a href="#">68</a>	27	
..... <a href="#">BOP clade</a>	<a href="#">34</a>	14	
..... <a href="#">Oryzeae</a>	<a href="#">13</a>	6	
..... <a href="#">Oryza</a>	<a href="#">12</a>	5	
..... <a href="#">Oryza sativa</a>	<a href="#">2</a>	3	<a href="#">Oryza sativa hits</a>
..... <a href="#">Oryza sativa Japonica Group</a>	<a href="#">7</a>	1	<a href="#">Oryza sativa Japonica Group hits</a>
..... <a href="#">Oryza sativa Indica Group</a>	<a href="#">1</a>	1	<a href="#">Oryza sativa Indica Group hits</a>
..... <a href="#">Oryza brachyantha</a>	<a href="#">1</a>	1	<a href="#">Oryza brachyantha hits</a>
..... <a href="#">Oryza meyeriana var. granulata</a>	<a href="#">1</a>	1	<a href="#">Oryza meyeriana var. granulata hits</a>
..... <a href="#">Zizania palustris</a>	<a href="#">1</a>	1	<a href="#">Zizania palustris hits</a>
..... <a href="#">Phyllostachys edulis</a>	<a href="#">1</a>	1	<a href="#">Phyllostachys edulis hits</a>
..... <a href="#">Pooideae</a>	<a href="#">20</a>	7	
..... <a href="#">Triticeae</a>	<a href="#">18</a>	6	
..... <a href="#">Triticinae</a>	<a href="#">15</a>	4	
..... <a href="#">Triticum</a>	<a href="#">14</a>	3	
..... <a href="#">Triticum dicoccoides</a>	<a href="#">2</a>	1	<a href="#">Triticum dicoccoides hits</a>
..... <a href="#">Triticum aestivum</a>	<a href="#">7</a>	1	<a href="#">Triticum aestivum hits</a>
..... <a href="#">Triticum turgidum subsp. durum</a>	<a href="#">5</a>	1	<a href="#">Triticum turgidum subsp. durum hits</a>
..... <a href="#">Aegilops tauschii subsp. strangulata</a>	<a href="#">1</a>	1	<a href="#">Aegilops tauschii subsp. strangulata hits</a>
..... <a href="#">Hordeum</a>	<a href="#">3</a>	2	
..... <a href="#">Hordeum vulgare</a>	<a href="#">1</a>	2	<a href="#">Hordeum vulgare hits</a>
..... <a href="#">Hordeum vulgare subsp. vulgare</a>	<a href="#">2</a>	1	<a href="#">Hordeum vulgare subsp. vulgare hits</a>
..... <a href="#">Brachypodium distachyon</a>	<a href="#">2</a>	1	<a href="#">Brachypodium distachyon hits</a>
.... <a href="#">PACMAD clade</a>	<a href="#">34</a>	13	
..... <a href="#">Panicoideae</a>	<a href="#">30</a>	11	
..... <a href="#">Paniceae</a>	<a href="#">23</a>	8	
..... <a href="#">Panicum</a>	<a href="#">13</a>	4	
..... <a href="#">Panicum miliaceum</a>	<a href="#">2</a>	1	<a href="#">Panicum miliaceum hits</a>
..... <a href="#">Panicum sect. Panicum</a>	<a href="#">3</a>	2	
..... <a href="#">Panicum hallii</a>	<a href="#">2</a>	2	<a href="#">Panicum hallii hits</a>
..... <a href="#">Panicum hallii var. hallii</a>	<a href="#">1</a>	1	<a href="#">Panicum hallii var. hallii hits</a>
..... <a href="#">Panicum virgatum</a>	<a href="#">8</a>	1	<a href="#">Panicum virgatum hits</a>
..... <a href="#">Digitaria exilis</a>	<a href="#">5</a>	1	<a href="#">Digitaria exilis hits</a>
..... <a href="#">Setaria</a>	<a href="#">4</a>	2	

..... <a href="#">Setaria viridis</a>	<u>2</u>	1	<b><u>Setaria viridis hits</u></b>
..... <a href="#">Setaria italica</a>	<u>2</u>	1	<b><u>Setaria italica hits</u></b>
..... <a href="#">Dichantheium oligosanthes</a>	<u>1</u>	1	<b><u>Dichantheium oligosanthes hits</u></b>
..... <a href="#">Andropogoneae</a>	<u>7</u>	3	
..... <a href="#">Sorghum bicolor</a>	<u>3</u>	1	<b><u>Sorghum bicolor hits</u></b>
..... <a href="#">Zea mays</a>	<u>3</u>	1	<b><u>Zea mays hits</u></b>
..... <a href="#">Miscanthus lutarioriparius</a>	<u>1</u>	1	<b><u>Miscanthus lutarioriparius hits</u></b>
..... <a href="#">Chloridoideae</a>	<u>4</u>	2	
..... <a href="#">Eragrostis curvula</a>	<u>2</u>	1	<b><u>Eragrostis curvula hits</u></b>
..... <a href="#">Eleusine coracana subsp. coracana</a>	<u>2</u>	1	<b><u>Eleusine coracana subsp. coracana hits</u></b>
... <a href="#">Ananas comosus</a>	<u>2</u>	1	<b><u>Ananas comosus hits</u></b>
... <a href="#">Arecaceae</a>	<u>3</u>	3	
... <a href="#">Cocoseae</a>	<u>2</u>	2	
..... <a href="#">Elaeis guineensis</a>	<u>1</u>	1	<b><u>Elaeis guineensis hits</u></b>
..... <a href="#">Cocos nucifera</a>	<u>1</u>	1	<b><u>Cocos nucifera hits</u></b>
... <a href="#">Phoenix dactylifera</a>	<u>1</u>	1	<b><u>Phoenix dactylifera hits</u></b>
... <a href="#">Zingiberales</a>	<u>11</u>	4	
... <a href="#">Musaceae</a>	<u>7</u>	3	
..... <a href="#">Musa</a>	<u>3</u>	2	
..... <a href="#">Musa acuminata subsp. malaccensis</a>	<u>2</u>	1	<b><u>Musa acuminata subsp. malaccensis hits</u></b>
..... <a href="#">Musa balbisiana</a>	<u>1</u>	1	<b><u>Musa balbisiana hits</u></b>
..... <a href="#">Ensete ventricosum</a>	<u>4</u>	1	<b><u>Ensete ventricosum hits</u></b>
... <a href="#">Zingiber officinale</a>	<u>4</u>	1	<b><u>Zingiber officinale hits</u></b>
.. <a href="#">Orchidaceae</a>	<u>9</u>	5	
... <a href="#">Epidendroideae</a>	<u>8</u>	4	
.... <a href="#">Dendrobium</a>	<u>7</u>	3	
..... <a href="#">Dendrobium chrysotoxum</a>	<u>1</u>	1	<b><u>Dendrobium chrysotoxum hits</u></b>
..... <a href="#">Dendrobium nobile</a>	<u>1</u>	1	<b><u>Dendrobium nobile hits</u></b>
..... <a href="#">Dendrobium catenatum</a>	<u>5</u>	1	<b><u>Dendrobium catenatum hits</u></b>
... <a href="#">Phalaenopsis equestris</a>	<u>1</u>	1	<b><u>Phalaenopsis equestris hits</u></b>
... <a href="#">Apostasia shenzhenica</a>	<u>1</u>	1	<b><u>Apostasia shenzhenica hits</u></b>
.. <a href="#">Dioscorea</a>	<u>3</u>	2	
... <a href="#">Dioscorea alata</a>	<u>2</u>	1	<b><u>Dioscorea alata hits</u></b>
... <a href="#">Dioscorea cayenensis subsp. rotundata</a>	<u>1</u>	1	<b><u>Dioscorea cayenensis subsp. rotundata hits</u></b>
.. <a href="#">Lilium regale</a>	<u>1</u>	1	<b><u>Lilium regale hits</u></b>
. <a href="#">Pentapetalae</a>	<u>27</u>	14	
.. <a href="#">rosids</a>	<u>18</u>	8	

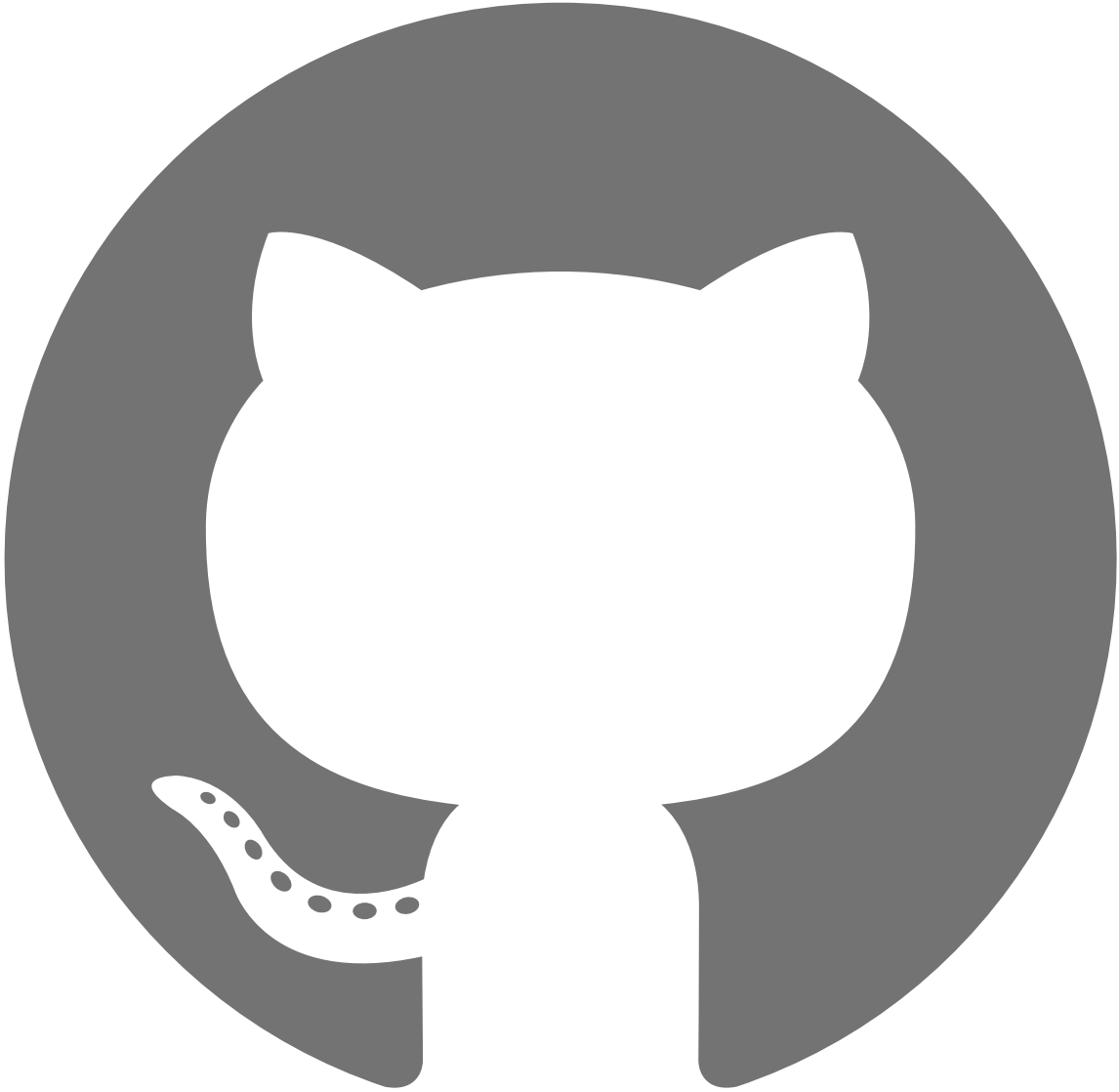
... <a href="#">Vitis</a>	<u>6</u>	2	
.... <a href="#">Vitis vinifera</a>	<u>4</u>	1	<b><u>Vitis vinifera hits</u></b>
.... <a href="#">Vitis riparia</a>	<u>2</u>	1	<b><u>Vitis riparia hits</u></b>
... <a href="#">Fagales</a>	<u>7</u>	3	
.... <a href="#">Carya illinoensis</a>	<u>5</u>	1	<b><u>Carya illinoensis hits</u></b>
.... <a href="#">Quercus</a>	<u>2</u>	2	
..... <a href="#">Quercus lobata</a>	<u>1</u>	1	<b><u>Quercus lobata hits</u></b>
..... <a href="#">Quercus variabilis</a>	<u>1</u>	1	<b><u>Quercus variabilis hits</u></b>
... <a href="#">Sapindales</a>	<u>5</u>	3	
.... <a href="#">Citrus</a>	<u>4</u>	2	
..... <a href="#">Citrus sinensis</a>	<u>2</u>	1	<b><u>Citrus sinensis hits</u></b>
..... <a href="#">Citrus clementina</a>	<u>2</u>	1	<b><u>Citrus clementina hits</u></b>
... <a href="#">Mangifera indica</a>	<u>1</u>	1	<b><u>Mangifera indica hits</u></b>
.. <a href="#">asterids</a>	<u>9</u>	6	
... <a href="#">Nyssa sinensis</a>	<u>1</u>	1	<b><u>Nyssa sinensis hits</u></b>
... <a href="#">Ericales</a>	<u>7</u>	4	
.... <a href="#">Rhododendron</a>	<u>3</u>	2	
..... <a href="#">Rhododendron simsii</a>	<u>2</u>	1	<b><u>Rhododendron simsii hits</u></b>
..... <a href="#">Rhododendron griersonianum</a>	<u>1</u>	1	<b><u>Rhododendron griersonianum hits</u></b>
.... <a href="#">Camellia</a>	<u>4</u>	2	
..... <a href="#">Camellia sinensis</a>	<u>3</u>	2	<b><u>Camellia sinensis hits</u></b>
..... <a href="#">Camellia sinensis var. sinensis</a>	<u>1</u>	1	<b><u>Camellia sinensis var. sinensis hits</u></b>
... <a href="#">Sesamum indicum</a>	<u>1</u>	1	<b><u>Sesamum indicum hits</u></b>
. <a href="#">Tetracentron sinense</a>	<u>1</u>	1	<b><u>Tetracentron sinense hits</u></b>
. <a href="#">Ranunculales</a>	<u>3</u>	3	
.. <a href="#">Macleaya cordata</a>	<u>1</u>	1	<b><u>Macleaya cordata hits</u></b>
.. <a href="#">Ranunculaceae</a>	<u>2</u>	2	
... <a href="#">Coptis chinensis</a>	<u>1</u>	1	<b><u>Coptis chinensis hits</u></b>
... <a href="#">Aquilegia coerulea</a>	<u>1</u>	1	<b><u>Aquilegia coerulea hits</u></b>
. <a href="#">Cinnamomum micranthum f. kanehirae</a>	<u>1</u>	1	<b><u>Cinnamomum micranthum f. kanehirae hits</u></b>













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