

Table S1. Source genomes used for 14-3-3 search.

Phytozome genome release	Reference
1. <i>Amaranthus hypochondriacus</i> v1.0	[1]
2. <i>Amborella trichopoda</i> v1.0	[2]
3. <i>Ananas comosus</i> v3	[3]
4. <i>Aquilegia coerulea</i> v3.1	[4]
5. <i>Arabidopsis halleri</i> v 1.1	Arabidopsis halleri v1.1, DOE-JGI, http://phytozome.jgi.doe.gov/
6. <i>Arabidopsis lyrata</i> v2.1	[5]
7. <i>Arabidopsis thaliana</i> TAIR10	[6]
8. <i>Boechera stricta</i> v1.2	Boechera stricta v1.2, DOE-JGI, http://phytozome.jgi.doe.gov
9. <i>Brachypodium distachyon</i> Bd21-3 v1.1	Brachypodium distachyon Bd21-3 v1.1 DOE-JGI, http://phytozome.jgi.doe.gov/
10. <i>Brachypodium stacei</i> v1.1	Brachypodium stacei v1.1 DOE-JGI, http://phytozome.jgi.doe.gov/
11. <i>Brassica oleracea capitata</i> v1.0	[7]
12. <i>Brassica rapa</i> FPsc v1.3	Brassica rapa FPsc v1.3, DOE-JGI, http://phytozome.jgi.doe.gov/
13. <i>Capsella grandiflora</i> v1.1	[8]
14. <i>Capsella rubella</i> v1.0	[8]
15. <i>Carica papaya</i> ASGPBv0.4	[9]
16. <i>Citrus clementina</i> v1.0	[10]
17. <i>Citrus sinensis</i> v1.1	[10]
18. <i>Cucumis sativus</i> v1.0	https://phytozome.jgi.doe.gov
19. <i>Daucus carota</i> v2.0	[11]
20. <i>Eucalyptus grandis</i> v2.0	[12]
21. <i>Eutrema salsugineum</i> v1.0	[13]
22. <i>Fragaria vesca</i> v1.1	[14]
23. <i>Glycine max</i> Wm82.a2.v1	[15]
24. <i>Gossypium raimondii</i> v2.1	[16]
25. <i>Hordeum vulgare</i> r1	[17]
26. <i>Linum usitatissimum</i> v1.0	[18]
27. <i>Malus domestica</i> v1.0	[19]
28. <i>Manihot esculenta</i> v6.1	[20]
29. <i>Medicago truncatula</i> Mt4.0v1	[21]
30. <i>Mimulus guttatus</i> v2.0	[22]
31. <i>Musa acuminata</i> v1	[23]
32. <i>Oryza sativa</i> v7_JGI	[24]
33. <i>Panicum hallii</i> v2.0	[25]
34. <i>Panicum virgatum</i> v1.1	Panicum virgatum v1.1, DOE-JGI, http://phytozome.jgi.doe.gov/
35. <i>Phaseolus vulgaris</i> v2.1	Phaseolus vulgaris v2.1, DOE-JGI and USDA-NIFA, http://phytozome.jgi.doe.gov/
36. <i>Populus trichocarpa</i> v3.0	https://phytozome.jgi.doe.gov
37. <i>Prunus persica</i> v2.1	[26]

38. <i>Ricinus communis</i> v0.1	[27]
39. <i>Salix purpurea</i> v1.0	[28]
40. <i>Setaria italica</i> v2.2	[29]
41. <i>Setaria viridis</i> v1.1	[30]
42. <i>Solanum lycopersicum</i> ITAG4.0	[31]
43. <i>Solanum tuberosum</i> v4.03	[32]
44. <i>Sorghum bicolor</i> v3.1.1	[33]
45. <i>Theobroma cacao</i> v1.1	[34]
46. <i>Trifolium pratense</i> v2	[35]
47. <i>Triticum aestivum</i> v 2.2	[36]
48. <i>Zea mays</i> Ensembl-18	[37]

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