**Table S1. 574 putative binding proteins of MoAtf1 by CHIP assay.**

1 chr1 884383 884785 ChIP\_peak\_3 MGG\_13736

2 chr1 884383 884785 ChIP\_peak\_3 MGG\_02186

3 chr1 1167442 1168238 ChIP\_peak\_5 MGG\_02256

4 chr1 1167442 1168238 ChIP\_peak\_5 MGG\_02257

5 chr1 1483976 1484393 ChIP\_peak\_7 MGG\_02346

6 chr1 1483976 1484393 ChIP\_peak\_7 MGG\_02347

7 chr1 2254635 2255141 ChIP\_peak\_10 MGG\_16144

8 chr1 2254635 2255141 ChIP\_peak\_10 MGG\_11882

9 chr1 2398704 2399011 ChIP\_peak\_11 MGG\_11876

10 chr1 2416031 2416340 ChIP\_peak\_12 MGG\_06694

11 chr1 2416031 2416340 ChIP\_peak\_12 MGG\_06695

12 chr1 2427117 2427500 ChIP\_peak\_13 MGG\_06696

13 chr1 2602132 2602446 ChIP\_peak\_14 MGG\_06751

14 chr1 2602132 2602446 ChIP\_peak\_14 MGG\_06752

15 chr1 2609351 2609841 ChIP\_peak\_15 MGG\_06753

16 chr1 2609351 2609841 ChIP\_peak\_15 MGG\_16162

17 chr1 2609351 2609841 ChIP\_peak\_15 MGG\_06755

18 chr1 2672440 2672929 ChIP\_peak\_16 MGG\_06769

19 chr1 2676037 2676449 ChIP\_peak\_17 MGG\_06770

20 chr1 2723774 2724466 ChIP\_peak\_18 MGG\_06781

21 chr1 2723774 2724466 ChIP\_peak\_18 MGG\_06782

22 chr1 2723774 2724466 ChIP\_peak\_18 MGG\_06780

23 chr1 3369389 3370003 ChIP\_peak\_20 MGG\_06955

24 chr1 3369389 3370003 ChIP\_peak\_20 MGG\_06956

25 chr1 3369389 3370003 ChIP\_peak\_20 MGG\_06957

26 chr1 3552281 3552852 ChIP\_peak\_21 MGG\_16238

27 chr1 3552281 3552852 ChIP\_peak\_21 MGG\_16239

28 chr1 3568713 3569014 ChIP\_peak\_22 MGG\_07009

29 chr1 3568713 3569014 ChIP\_peak\_22 MGG\_07010

30 chr1 3568713 3569014 ChIP\_peak\_22 MGG\_07011

31 chr1 3965310 3966360 ChIP\_peak\_23 MGG\_09260

32 chr1 3965310 3966360 ChIP\_peak\_23 MGG\_09259

33 chr1 4056615 4057121 ChIP\_peak\_25 MGG\_11739

34 chr1 4056615 4057121 ChIP\_peak\_25 MGG\_16265

35 chr1 4108843 4109699 ChIP\_peak\_26 MGG\_11731

36 chr1 4108843 4109699 ChIP\_peak\_26 MGG\_14629

37 chr1 4242613 4243055 ChIP\_peak\_28 MGG\_09891

38 chr1 4242613 4243055 ChIP\_peak\_28 MGG\_11727

39 chr1 4454994 4455430 ChIP\_peak\_30 MGG\_09949

40 chr1 4454994 4455430 ChIP\_peak\_30 MGG\_16302

41 chr1 4463237 4463705 ChIP\_peak\_31 MGG\_11715

42 chr1 4463237 4463705 ChIP\_peak\_31 MGG\_14547

43 chr1 4463237 4463705 ChIP\_peak\_31 MGG\_11713

44 chr1 4490398 4490998 ChIP\_peak\_32 MGG\_09955

45 chr1 4490398 4490998 ChIP\_peak\_32 MGG\_09954

46 chr1 4492003 4493558 ChIP\_peak\_33 MGG\_09955

47 chr1 4492003 4493558 ChIP\_peak\_33 MGG\_09956

48 chr1 4492003 4493558 ChIP\_peak\_33 MGG\_09954

49 chr1 4536059 4536491 ChIP\_peak\_34 MGG\_10650

50 chr1 4536059 4536491 ChIP\_peak\_34 MGG\_11710

51 chr1 4627340 4628915 ChIP\_peak\_35 MGG\_15143

52 chr1 4680819 4681452 ChIP\_peak\_36 MGG\_10514

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69 chr1 5691704 5692181 ChIP\_peak\_44 MGG\_16409

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82 chr1 6579647 6580053 ChIP\_peak\_52 MGG\_14299

83 chr1 6854279 6854853 ChIP\_peak\_53 MGG\_16504

84 chr1 6854279 6854853 ChIP\_peak\_53 MGG\_04727

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98 chr2 1269574 1269967 ChIP\_peak\_62 MGG\_15558

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101 chr2 1395665 1396441 ChIP\_peak\_65 MGG\_04768

102 chr2 1395665 1396441 ChIP\_peak\_65 MGG\_04769

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104 chr2 1774839 1775224 ChIP\_peak\_70 MGG\_08826

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106 chr2 1892589 1892942 ChIP\_peak\_71 MGG\_08857

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123 chr2 2857924 2858351 ChIP\_peak\_82 MGG\_14526

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179 chr2 6583174 6583541 ChIP\_peak\_115 MGG\_07158

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193 chr2 7121547 7121930 ChIP\_peak\_123 MGG\_07290

194 chr2 7121547 7121930 ChIP\_peak\_123 MGG\_07291

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196 chr2 7323737 7324185 ChIP\_peak\_124 MGG\_15090

197 chr2 7323737 7324185 ChIP\_peak\_124 MGG\_07340

198 chr2 7404956 7405389 ChIP\_peak\_125 MGG\_07366

199 chr2 7404956 7405389 ChIP\_peak\_125 MGG\_07368

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206 chr2 7814504 7815077 ChIP\_peak\_128 MGG\_08326

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208 chr2 8089785 8090204 ChIP\_peak\_131 MGG\_08257

209 chr2 8093400 8093808 ChIP\_peak\_132 MGG\_08257

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229 chr3 1165303 1165769 ChIP\_peak\_143 MGG\_13429

230 chr3 1363043 1363354 ChIP\_peak\_144 MGG\_14523

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232 chr3 1401321 1401946 ChIP\_peak\_145 MGG\_16678

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234 chr3 1818899 1819200 ChIP\_peak\_146 MGG\_05880

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246 chr3 2681270 2681696 ChIP\_peak\_156 MGG\_06133

247 chr3 2681270 2681696 ChIP\_peak\_156 MGG\_06134

248 chr3 2876161 2876489 ChIP\_peak\_158 MGG\_06190

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360 chr4 2375400 2375893 ChIP\_peak\_215 MGG\_17120

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