**Supplementary file 4**

**NCBI accession No of partial/complete CDS cloned**

1. Triticum aestivum cultivar HD 2009 catalase mRNA, partial cds, 725 bp linear mRNA, JQ230563.1 GI:383793907
2. Triticum aestivum cultivar HD 2687 catalase mRNA, partial cds, 725 bp linear mRNA, JQ230564.1 GI:383793909
3. Triticum aestivum cultivar WL 711 catalase mRNA, partial cds, 725 bp linear mRNA, JQ230565.1 GI:383793911
4. Triticum aestivum cultivar Kharchia65 catalase mRNA, partial cds 725 bp linear mRNA  JQ230562.1 GI:383793905
5. Triticum aestivum cultivar Kharchia65 plastid thylakoid-bound ascorbate peroxidase mRNA, partial cds; nuclear gene for plastid product, 652 bp linear mRNA, JQ230566.1 GI:383793913
6. Triticum aestivum cultivar HD 2009 plastid thylakoid-bound ascorbate peroxidase mRNA, partial cds; nuclear gene for plastid product, 652 bp linear mRNA, JQ230567.1 GI:383793915
7. Triticum aestivum cultivar HD 2687 plastid thylakoid-bound ascorbate peroxidase mRNA, partial cds; nuclear gene for plastid product, 652 bp linear mRNA , JQ230568.1 GI:383793917
8. Triticum aestivum cultivar WL 711 plastid thylakoid-bound ascorbate peroxidase mRNA, partial cds; nuclear gene for plastid product, 652 bp linear mRNA, JQ230569.1 GI:383793919
9. Triticum aestivum cultivar WL 711 mitochondrial manganese superoxide dismutase mRNA, partial cds; nuclear gene for mitochondrial product 472 bp linear mRNA  JQ230561.1 GI:383793903
10. Triticum aestivum cultivar HD 2687 mitochondrial manganese superoxide dismutase mRNA, partial cds; nuclear gene for mitochondrial product 472 bp linear mRNA  JQ230560.1 GI:383793901
11. Triticum aestivum cultivar HD 2009 mitochondrial manganese superoxide dismutase mRNA, partial cds; nuclear gene for mitochondrial product 472 bp linear mRNA  JQ230559.1 GI:383793899
12. Triticum aestivum cultivar Kharchia65 mitochondrial manganese superoxide dismutase mRNA, partial cds; nuclear gene for mitochondrial product 472 bp linear mRNA  JQ230558.1 GI:383793897
13. Triticum aestivum cultivar HD 2687 chloroplast iron-superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 520 bp linear mRNA  JQ269680.1 GI:380875819
14. Triticum aestivum cultivar WL 711 chloroplast iron-superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 520 bp linear mRNA  JQ269681.1 GI:380875821
15. Triticum aestivum cultivar HD 2009 chloroplast iron-superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 520 bp linear mRNA  JQ269679.1 GI:380875817
16. Triticum aestivum cultivar Kharchia 65 chloroplast iron-superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 520 bp linear mRNA  JQ269678.1 GI:380875815
17. Triticum aestivum cultivar WL 711 cytosolic Cu/Zn superoxide dismutase mRNA, complete cds 746 bp linear mRNA  JQ269677.1 GI:380875813
18. Triticum aestivum cultivar HD 2687 cytosolic Cu/Zn superoxide dismutase mRNA, complete cds 746 bp linear mRNA  JQ269676.1 GI:380875811
19. Triticum aestivum cultivar HD 2009 cytosolic Cu/Zn superoxide dismutase mRNA, complete cds 746 bp linear mRNA  JQ269675.1 GI:380875809
20. Triticum aestivum cultivar Kharchia 65 cytosolic Cu/Zn superoxide dismutase mRNA, complete cds 746 bp linear mRNA
21. Triticum aestivum cultivar WL 711 chloroplast Cu/Zn superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 710 bp linear mRNA  JQ269673.1 GI:380875805
22. Triticum aestivum cultivar HD 2687 chloroplast Cu/Zn superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 710 bp linear mRNA  JQ269672.1 GI:380875803
23. Triticum aestivum cultivar HD 2009 chloroplast Cu/Zn superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 710 bp linear mRNA  JQ269671.1 GI:380875801
24. Triticum aestivum cultivar Kharchia 65 chloroplast Cu/Zn superoxide dismutase mRNA, partial cds; nuclear gene for chloroplast product 710 bp linear mRNA
25. Triticum aestivum cultivar WL 711 betaine aldehyde dehydrogenase-like protein mRNA, partial cds 682 bp linear mRNA  JQ269664.1 GI:380875787
26. Triticum aestivum cultivar HD 2687 betaine aldehyde dehydrogenase-like protein mRNA, partial cds 682 bp linear mRNA  JQ269663.1 GI:380875785
27. Triticum aestivum cultivar HD 2009 betaine aldehyde dehydrogenase-like protein mRNA, partial cds 682 bp linear mRNA  JQ269662.1 GI:380875783
28. Triticum aestivum cultivar Kharchia65 betaine aldehyde dehydrogenase-like protein mRNA, partial cds 682 bp linear mRNA  JQ269661.1 GI:380875781
29. Triticum aestivum cultivar WL 711 delta 1-pyrroline-5-carboxylate synthetase mRNA, partial cds 669 bp linear mRNA  JQ063082.1 GI:380467935
30. Triticum aestivum cultivar HD 2687 delta 1-pyrroline-5-carboxylate synthetase mRNA, partial cds 667 bp linear mRNA  JQ063081.1 GI:380467933
31. Triticum aestivum cultivar HD 2009 delta 1-pyrroline-5-carboxylate synthetase mRNA, partial cds 674 bp linear mRNA  JQ063080.1 GI:380467931
32. Triticum aestivum cultivar Kharchia65 delta 1-pyrroline-5-carboxylate synthetase mRNA, partial cds 678 bp linear mRNA  JQ063079.1 GI:380467929
33. Triticum aestivum cultivar WL 711 trehalose phosphate phosphatase mRNA, partial cds 632 bp linear mRNA  JQ073565.1 GI:380447814
34. Triticum aestivum cultivar HD 2687 trehalose phosphate phosphatase mRNA, partial cds 632 bp linear mRNA  JQ073564.1 GI:380447812
35. Triticum aestivum cultivar HD 2009 trehalose phosphate phosphatase mRNA, partial cds 633 bp linear mRNA  JQ073563.1 GI:380447810
36. Triticum aestivum cultivar Kharchia65 trehalose phosphate phosphatase mRNA, partial cds 633 bp linear mRNA  JQ073562.1 GI:380447808
37. Triticum aestivum cultivar WL 711 trehalose-6-phosphate synthase mRNA, partial cds 591 bp linear mRNA  JQ073561.1 GI:380447806
38. Triticum aestivum cultivar HD 2687 trehalose-6-phosphate synthase mRNA, partial cds 591 bp linear mRNA  JQ073560.1 GI:380447804
39. Triticum aestivum cultivar HD 2009 trehalose-6-phosphate synthase mRNA, partial cds 597 bp linear mRNA  JQ073559.1 GI:380447802
40. Triticum aestivum cultivar Kharchia65 trehalose-6-phosphate synthase mRNA, partial cds 597 bp linear mRNA  JQ073558.1 GI:380447800