**Supplementary Figure S4**: Alignment of bisulfite sequences of *TaHKT2;3* gene alongwith the reference (unmodified) DNA sequences in shoot (Sh) and root (Rt) of Kharchia-65 (Kh) and HD-2329 (HD) grown under control (C) and salt stress (T) conditions.

I	10 20 30 40 5	<b>60</b>
		I
HD-Sh-C1 HD-Sh-C2	TATTTTTGATTTATTTGTTTTATTTTGTTGTTGTTGATGA	
HD-Sh-T1	TATTTTTGATTTATTTGTTTTATTTTGTTGTTGTTGATGA	
HD-Sh-T2	TATTTTGATTTATTTGTTTTATTTTGTTGTTATTGATGTACTTGGTTT	
HD-Rt-C1	TATTTTGATTTATTGTTTTATTTTGTTGTCATTGATGTACTTGGCTT	
HD-Rt-C2	TATTTTGATTTATTTGTTTATTTTGTTGTCATTGATGTACTTGGCTT	
HD-Rt-T1 HD-Rt-T2	TATTTTTGATTCATTTGTTTTATTTTGTTGTCATTGATGTACTTGGCTT TATTTTTGATTCATTTGTTTTATTTTGTTGTCATTGATGTACTTGGCTT	
Reference-HD	CACTITIGATICACTIGICCTATITIGITGICATIGATGTACTIGGCTT	
Reference-Kh	CACTTTTGATTCACTTATCCTATTTTGTTATCATTGATGTACTTGGTTT	ī.
Kh-Sh-C1	CACTITIGATICACTIATCCTATITIGITATCATIGATGTACTIGGTIT	
Kh-Sh-C2 Kh-Sh-T1	CACTTTTGATTCACTTATCCTATTTTGTTATCATTGATGTACTTGGTTT CACTTTTGATTCACTTATCCTATTTTGTTATCATTGATGTACTTGGTTT	
Kh-Sh-T2	CACTITIGATICACTIATCCTATITIGTTATCATIGATGTACTIGGTTT	
Kh-Rt-C1	CACTTTTGATTCACTTATCCTATTTTGTTATCATTGATGTACTTGGTTT	
Kh-Rt-C2	CACTTTTGATTCACTTATCCTATTTTGTTATCATTGATGTACTTGGTTT	
Kh-Rt-T1	CACTITIGATICACTIATCCTATITIGITATCATIGATGTACTIGGTIT	
Kh-Rt-T2 Clustal Consensus	<u>CACTITIGATICACTIATCCTATITIGTTATCATIGATGTACTIGGTTT</u>	
Ciustal Consensus		
	60 70 80 90 1t	00
HD-Sh-C1 HD-Sh-C2	G T T G C C T T G A T G G C T C T G A A G C C A A G C A A C C C T A A C T A T A G T C C T C G C T A G T T G C C T T G A T G G C T C T G A A G C C A A G C A A C C C T A A C T A T A G T C C T C G C T A	A l
HD-Sh-T1	GTTGCCTTGATGGCTCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT	Â
HD-Sh-T2	GTTGCCTTGATGGCTCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT/	A
HD-Rt-C1	GCTGCCTTGATGGCCCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT/	A
HD-Rt-C2	GCTGCCTTGATGGCCCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT GCTGCCTTGATGGCCCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT	A
HD-Rt-T1 HD-Rt-T2	GCTGCCTTGATGGCCCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT GCTGCCTTGATGGCCCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT	<u> </u>
Reference-HD	GCTGCCTTGATGGCCCTGAAGCCAAGCAACCCTAACTACAGTCCTCGCT	Â.
Reference-Kh	GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT	A
Kh-Sh-C1	GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT/	A
Kh-Sh-C2	GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT	A
Kh-Sh-T1 Kh-Sh-T2	GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT	<u> </u>
Kh-Rt-C1	ĞTTĞCCTTĞATĞĞCĞCTĞAAĞCCAAĞCAACCCTAACTATAĞTCCTCĞCT	Â
Kh-Rt-C2	G T T G C C T T G A T G G C G C T G A A G C C A A G C A A C C C T A A C T A T A G T C C T C G C T A	A
Kh-Rt-T1	GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT/	A
Kh-Rt-T2 Clustal Consensus	GTTGCCTTGATGGCGCTGAAGCCAAGCAACCCTAACTATAGTCCTCGCT/	<u>N</u>
Ciustal Consensus		
	110 120 130 140 1	50
HD-Sh-C1	TGTCGATATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	G
HD-Sh-C2		G
HD-Sh-T1		G
HD-Sh-T2	TGTCGATATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTA	
HD-Rt-C1	T G T C G A T A T A T T T T T T C C T T T C G A C A T C T G C A G T C A C A G T T A C A G G A T T A C	G
HD-Rt-C2 HD-Rt-T1	TGTCGATATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC TGTCGATATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	2 C
HD-Rt-T2	TGTCGATATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTA	ģ
Reference-HD	TGTCGATATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	G
Reference-Kh	TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	G
Kh-Sh-C1	T G T C G A C A T A T T T T T C C T T T C G A C A T C T G C A G T C A C A G T T A C A G G A T T A C	2
Kh-Sh-C2 Kh-Sh-T1	TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	2
Kh-Sh-T2	TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	G
Kh-Rt-C1	TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTA	G
Kh-Rt-C2	TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	G
Kh-Rt-T1	TGTCGACATATTTTTCCTTTCGACATCTGCAGTCACAGTTACAGGATTAC	
Kh-Rt-T2 Clustal Consensus	TGTCGACATATITITCCTTTCGACATCTGCAGTCACAGTTACAGGATTA	2
Joiustai Ourisensus		

	160	170	180	190	200
HD-Sh-C1 HD-Sh-C2 HD-Sh-T2 HD-Rt-C1 HD-Rt-C1 HD-Rt-T2 HD-Rt-T2 Reference-HD Reference-HD Reference-Kh Kh-Sh-C1 Kh-Sh-C1 Kh-Sh-C2 Kh-Sh-T1 Kh-Sh-T2 Kh-Rt-C1 Kh-Rt-C2 Kh-Rt-T1 Kh-Rt-T2 Clustal Consensus	CTACCATTAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATCAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA CTACCATTAAAA	TGGAGGATCTTTCTGGAGGAGGATCTTTCTGGAGGAGGATCTTTCTGGAGGAGGATCTTTCTGGAGGATCTTTC	TATCTCTCA TATCTCTCA TACCTCTCA TACCTCTCA TACCTCTCA TACCTCTCA TACCTCTCA TACCTCTCA TACCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA TAGCTCTCA	A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T A T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C   A G T A G T T G T C C	T A A C T T A A C T
	210	220	230	240	250
HD-Sh-C1 HD-Sh-C2 HD-Sh-T1 HD-Sh-T2 HD-Rt-C1 HD-Rt-C2 HD-Rt-T1 HD-Rt-T2 Reference-HD Reference-Kh Kh-Sh-C1 Kh-Sh-C1 Kh-Sh-C2 Kh-Sh-T1 Kh-Sh-T2 Kh-Rt-C1 Kh-Rt-C1 Kh-Rt-C1 Kh-Rt-T1 Kh-Rt-T2 Clustal Consensus	CT CTTGATGTTG CTCTTGATGTTG	T T A G G A A G T G A G A T T A G G A A G T G A G A		CCCTGCTTGGC CCCTGCTTGGC CCCTGCTTGGC CCTTGCTTG	CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT CATAT
HD-Sh-C1 HD-Sh-C2 HD-Sh-T1 HD-Sh-T2 HD-Rt-C1 HD-Rt-C2 HD-Rt-T1 HD-Rt-T2 Reference-HD Reference-Kh Kh-Sh-C1 Kh-Sh-C1 Kh-Sh-T1 Kh-Sh-T2 Kh-Rt-C1 Kh-Rt-C2 Kh-Rt-T1 Kh-Rt-T2	T C A T G A G T T G A G T C A T G A G T T G A G T C A T G A G T T G A G T C A T G A G T T G A G T C A T G A G T T G A G T C A T G A G T T G A G T C A T G A G T T G A G T C A T G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G T C A C G A G T T G A G		CATGATCCT CATGATCCT CATGACCCCT CATGACCCCT CATGACCCCT CATGACCCCT CATGACCCCT CATGACCCCT CATGACCCCT CATGATCCT CATGATCCT CATGATCCT CATGATCCT CATGATCCT CATGATCCT CATGATCCT CATGATCCT	GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG GAAGATAGTAG	A G T T A A G T T A
Clustal Consensus					

For convenience, bisulfate sequences in duplicate were used to show the alignment and only partial (1 - 300) alignment is shown here.

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