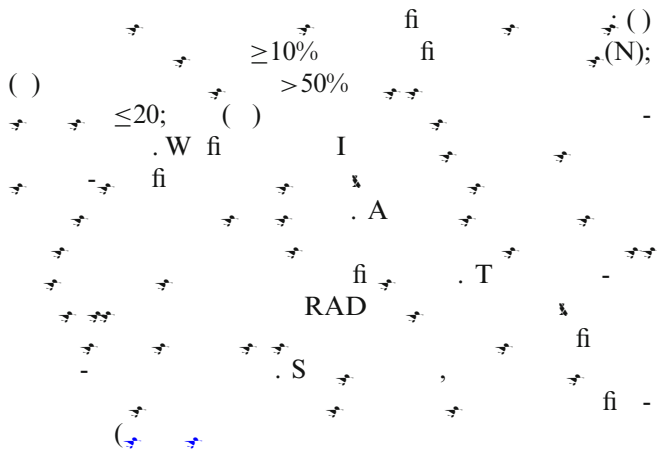


Figure 1. Distribution of motifs



I. C 23 P (5' 3') R N . S () (°C) H H PIC G B

L	P	R	N .	S	()	(°C)	H	H	PIC	G B
X 04	F: CATGTTTCTTGCTTTTTCACG R: AACTGGTTGGCCTGGAGTTA	(TG) ₂₃	11	270 320	60	0.744	0.851	0.117	0.822	MF460397
X 08	F: GCTGGGACTGCTGAGAGACT R: TTGGTAGTTGTTTCCCGG	(TG) ₁₃	9	350 380	60	0.698	0.823	0.148	0.790	MF460398
X 11	F: TTACAAAACCTTGTGTGGG R: GTTTTATTACGACACCCGCC	(AC) ₃₀	10	250 290	60	0.600	0.882	0.001*	0.857	MF460399
X 17	F: CGCTTTTGAATACCTTTTGA R: GCGTGTTCAAAGATGCTGAA	(AG) ₁₅	11	180 220	60	0.382	0.843	0.030	0.810	MF460400
X 23	F: CGTCGTGACCTCTTGGCTAT R: GTAGTATGGCGGGAGGACAA	(AT) ₁₂	13	240 310	60	0.682	0.919	0.000*	0.902	MF460401
X 47	F: TTGATGACAACAATAGGGG R: ACAAAAACCTCCCCAAC	(AT) ₈	7	188 208	60	0.467	0.763	0.000*	0.713	MF460402
X 48	F: TTCTACATGCCGGATTG R: CTGATATCAACCCACGCA	(AT) ₁₀	6	262 278	60	0.500	0.760	0.004	0.709	MF460403
X 51	F: GTTATCTGCATGCTTGGC R: GTGAGAAAAGTGGAA	(TG) ₁₅	16	236 276	60	0.591	0.873	0.000*	0.850	MF460404
X 07	F: TGA CTGGAACAAAACGGAA R: ACGCACAACTGCACACATTT	(AAT) ₁₃	10	150 186	60	0.870	0.868	0.137	0.843	MF460405
X 09	F: GGACTGTAAGCGCTATGAGCA R: GAAGAAACGCTAATTTCCTCCA	(TAT) ₁₇	10	191 09	60	0.870	0.869	0.168	0.844	MF460406
X 12	F: TCATCAAACGCCGTAATCA R: GCTGAAAAGCGCTCCTAAAA	(TGA) ₁₂	12	189 228	60	0.650	0.833	0.001*	0.859	MF460407
X 17	F: CGCTCAAAGACAATCTGTCCA R: TTTGACCTTAATTTGACGGC	(TAA) ₉	13	199 238	60	0.711	0.868	0.030	0.843	MF460408
X 19	F: CATGCAGTCGTTTAGGAGCA R: TGCCGTGTCAGTCAGTTCAT	(AAT) ₁₃	17	169 220	60	0.783	0.936	0.003	0.921	MF460409
X 22	F: CCTGTTCTCCAGCAACGAT R: TGTTCAGCAGTAGCATCAG	(TAC) ₉	18	223 289	60	0.763	0.893	0.839	0.871	MF460410
X 27	F: CTTCTGGGTGTGGAATTTGG R: TCTCCTACAGCGATGACGTG	(TAT) ₉	10	226 253	60	0.609	0.860	0.004	0.834	MF460411
X 29	F: CAAGTAGCAATGCAAATCCG R: TATTCTGTCACGGTTATTGC	(TTA) ₉	14	172 215	60	0.500	0.919	0.000*	0.899	MF460412
X 31	F: TCATCAAACGCCGTAATCA R: GATTTGCCGCTGAAATTAGG	(TAC) ₂₈	15	166 217	60	0.894	0.928	0.147	0.912	MF460413

M

C

L	P	(5' 3')	R	N	S	()	(°C)	H	H	PIC	G B
X 33	F: GGAATCATCGCCAAAGTTA R: ACGTGAACGTTTCATGCGAG	(ATT) ₇	11	172 202	60	0.439	0.872	0.000*	0.846	MF460414	
X 37	F: AATTCATGCAGCGTTTAGG R: CAACTGTGAGATGACACGGG	(AAT) ₁₁	11	248 281	60	0.200	0.857	0.000*	0.828	MF460415	
X 41	F: CATGCAGTCGTTTAGGAGCA R: TACATGATGCCCGTTTTTCA	(AAT) ₉	12	198 234	60	0.717	0.895	0.020*	0.874	MF460416	
X 45	F: CATTGTGCTGGACTGGA R: CGGTACGCACCATCTACTCA	(TAT) ₉	16	166 211	60	0.783	0.919	0.004	0.902	MF460417	
X 47	F: ACCATCGTGGATTTTTACG R: CCTGTCTGTGGTGAAGTG	(ATG) ₈	13	243 288	60	0.761	0.880	0.480	0.858	MF460418	
X 54	F: CATATCATGCAGTCCCATGG R: GGCCCTGTTCTTAAAAATG	(TCA) ₁₃	8	184 208	60	0.745	0.826	0.451	0.793	MF460420	

I ()
 (< 0.05/23).
 H, S, PIC, HWE, B
 *S, fi
 PIC > 0.5, (> 0.01). A
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 I D P Q C
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 B N. A., E P. D., A T. S., C M. C., S A.
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 3, 3376. RAD L
 B M., A C. M. M A. D. 2014 C
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 D S C. 2003 M
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 G X., X., B Q. L Q. 2016 P
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 K S. T., T M. L. M T. C. 2007 R
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 E . 16, 1099 1106.
 M M., H M. P W. 2002 M
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 N L., L Q. K L. 2011 M fi -
 (M , B , M) N C . M .
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 R K. S., R W. L., G P. M., C R. B.
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 (M)
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 Q. 2008 Ex EST
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 (C). J. H . 99, 208 214.

C : INDRAJIT NANDA