

		NAME OF THE GENE	Symbol	1 DP	1.5 DP	2 DP	3 DP	4 DP	7 DP
REDOX SENSITIVE GENES	ROS Generators and scavengers	RESPIRATORY BURST OXIDOREDUCTASE	ICAD	2.81709198	1.022849	0.189356	2.366126	2.094009	1.448910
		PEROXIDASE	WR 325	0.86205279	0.220823	0.000000	0.400483	0.787888	0.580447
		CATIONIC PEROXIDASE	WR 325	1.41761564	0.8202	0.027595	0.300120	0.771238	1.967449
		SUPEROXIDE DISMUTASE	WR 325	0.79947794	0.608818	0.081024	0.891201	0.872051	0.784808
		GLUTATHIONE S TRANSFERASE	ICAD	0.81188302	1.130501	0.850575	0.479525	0.164611	0.549031
			WR 325	0.00403125	0.427646	0.000000	1.021254	0.112021	1.67818
	Cytosome dependent redox signal transducers	CYTOSOL Fe REDUCTASE	ICAD	4.36714005	3.330274	0.057894	1.844002	1.444141	0.058647
		CYTB	WR 325	0.69709197	0.000000	0.000000	0.000000	0.000000	0.000000
		INDUCIBLE N REDUCTASE	WR 325	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000
	Intracellular ROS signal transducers	NADPH OXIDOREDUCTASE	ICAD	0.53216630	0.826707	0.108424	2.012078	0.709011	2.120888
		GINKGONE OXIDOREDUCTASE	ICAD	1.00021587	1.137819	4.138831	0.218489	0.1478	1.050714
		Fe(O) OXIDOREDUCTASE	WR 325	0.38180388	3.144017	0.272894	0.867327	0.044201	0.083889
		THIOREDOXIN	WR 325	0.00561783	0.000000	1.44651	0.000000	0.000000	0.000000
		APase	WR 325	1.81474105	0.009784	0.649129	1.413888	0.181380	0.006378
			WR 325	2.78789327	1.994914	0.064105	0.330349	0.147458	0.580447
	Intracellular transporters	ABC TRANSPORTER	ICAD	0.70803069	0.456274	1.431664	0.759326	1.611901	2.028920
		SUBSTRATE TRANSPORTER	WR 325	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000
		HEAVY METAL TRANSPORTER	WR 325	0.17181949	0.000000	0.000000	0.000000	0.000000	0.000000
TRACOLOCASE		WR 325	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000	
POLYCL TRANSPORTER PROTEIN		ICAD	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000	
		WR 325	4.59486022	4.438839	0.000000	0.864914	0.757131	0.82380	
Cellular trafficking transporters	VACUOLAR SORTING RECEPTOR	WR 325	0.688973278	1.208674	1.433188	0.084312	0.000000	0.000000	
	GLATHIN COAT ASSEMBLY PROTEIN	WR 325	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000	
	SECRETORY VESICLE MEMBRANE PROTEIN	WR 325	2.373894306	0.886219	0.686994	1.380208	1.957625	2.178909	
	NUCLEAR PORE COMPLEX PROTEIN	ICAD	2.04541478	0.825893	0.298977	3.809916	0.279488	0.148098	
	INTRINSIC PROTEIN OF TONOLAST	WR 325	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000	
		WR 325	0.504071878	0.688276	1.78794	0.28492	0.788201	2.177525	
Intercellular transportation signal generators	TGFA (R) SIGNALING FACTOR	ICAD	2.40045501	0.172885	1.688901	1.280538	0.621204	0.594518	
	TYPE B Ca ²⁺ ATPase	ICAD	0.12184981	0.080917	0.283978	0.366848	1.17031	0.004748	
		WR 325	0.67213935	0.258632	0.238181	0.147488	1.58781	0.489332	
TRANSCRIPTION FACTORS	Transcription factors containing basic domains	N/PT TRANSCRIPTION FACTOR	ICAD	0.807023218	0.460548	0.887882	0.780575	1.01701	0.762899
		HOMEOBOX HELIX LOOP ZIPPER	WR 325	2.33783793	0.451977	0.000000	0.10175	0.000000	0.383229
		MYB TRANSCRIPTION FACTOR	WR 325	0.94271397	0.120572	0.078511	0.081849	0.031801	0.008948
		HNF TRANSCRIPTION FACTOR	WR 325	0.20121215	0.099818	0.000000	0.02205	1.894824	0.000175
			WR 325	0.14279381	0.218891	0.41414	0.131008	0.387028	0.148128
			WR 325	4.11234964	0.190273	0.000000	0.380502	0.817108	0.000000
	Transcription factor associates	HEAT SHOCK FACTOR	ICAD	0.813441864	1.105015	0.500028	1.79405	2.45261	0.400957
			WR 325	1.41214771	1.200547	0.000000	0.328840	4.817887	2.427020
			WR 325	0.00000000	0.000000	0.434851	0.147896	1.660578	0.124400
			WR 325	0.631058402	1.994741	0.780327	0.155916	0.874885	2.090238
			WR 325	0.31955193	0.882894	0.881124	0.184382	0.925455	0.980848
			WR 325	0.241788218	0.482571	0.128125	0.064589	0.000963	0.070758
SUGAR METABOLISMS	POLYMERIZATION TRANSFERASE	ICAD	2.598620478	0.589539	0.248787	0.401485	3.713888	0.929605	
		WR 325	0.408427028	0.181891	1.020208	0.001128	0.044751	0.002151	
	INOSITOL FACTOR	ICAD	0.00000000	0.000000	0.000000	0.000000	0.000000	0.000000	
		WR 325	4.21897093	0.000000	0.731152	1.914091	0.000000	0.000000	
		WR 325	4.495828253	1.598854	0.080529	1.281501	0.000000	1.883314	
		WR 325	1.508267189	1.407025	0.000000	0.7998	0.000000	1.486617	

↓ 0.5 fold and below
↘ 0.5 to 1 fM
↘ Basal expression (1 to 2 fM)
↘ 2 to 5 fM
↑ 5 fold and above

Basal expression
 0.5 fold and below
 0.5 to 1 fM
 1 to 2 fM
 2 to 5 fM
 5 fold and above