

**Table 3. Changes of gene expression in *hos9-1*, genes with higher expression in *hos9-1* by 3-fold but that are also cold-inducible**

AGI ID	Gene Title	<i>hos9-1</i> vs_ C24_0C-24H_Signal Log Ratio	C24-0C-24H_Signal	C24-0C-24H_Detection	<i>hos9-1</i> _0C-24H_Signal	<i>hos9-1</i> _0C-24H_Detection
At5g51190	AP2 domain transcription factor, putative	3.5	89.7	P	899.4	P
At3g55840	nematode resistance protein-related protein	3.1	242.3	P	2235.7	P
At1g15010	expressed protein	2.7	242.4	P	1691.8	P
At4g24570	mitochondrial carrier protein family	2.7	631.6	P	4457.9	P
At3g55980	expressed protein	2.7	569.8	P	3893.9	P
At5g54490	calcium-binding protein, putative	2.7	585	P	4119.6	P
At5g64870	nodulin-related	2.7	161.1	P	993.2	P
At2g46400	WRKY family transcription factor	2.6	892.4	P	4361.3	P
At4g17490	ethylene responsive element binding factor (ERF6)	2.6	65.2	A	461.7	P
At1g28370	ethylene responsive element binding factor 11, (EREBP11/ERF11)	2.5	365.6	P	2024.4	P
At1g61340	F-box protein family	2.4	363.3	A	2327.3	P
At5g26920	calmodulin-binding protein	2.4	1241.8	P	6901.1	P
At2g35710	glycogenin glucosyltransferase (glycogenin) - related	2.3	162	P	1079.8	P
At3g10930	expressed protein	2.3	130.8	P	611	P
At3g50930	AAA-type ATPase family	2.3	1016.2	P	5180.2	P
At5g42380	calmodulin-related protein, putative	2.3	468.2	P	1878.4	P
At5g45630	hypothetical protein	2.3	108.5	P	490.8	P
At3g22910	calcium-transporting ATPase (calcium pump), putative	2.2	1152.9	P	5720.2	P
At4g29780	expressed protein	2.1	518.2	P	2529.9	P
At4g39670	expressed protein	2.1	900.3	P	4211.8	P
At1g21110	O-methyltransferase 1, putative	2	111.4	P	461.7	P
At2g38470	WRKY family transcription factor	1.9	1705.4	P	6281.5	P
At2g30020	protein phosphatase 2C (PP2C), putative	1.9	165.5	P	587.6	P
At1g76650	calcium-binding EF-hand family protein	1.9	154.3	P	562.4	P
At3g02840	expressed protein	1.9	164	P	788.6	P
At4g27280	calcium-binding EF-hand family protein	1.9	3174.7	P	11729	P
At3g44260	CCR4-associated factor 1-related protein	1.9	138.9	P	510.5	P
At3g61190	BON1-associated protein 1 (BAP1)	1.9	1221.4	P	5343.4	P
At3g56880	expressed protein	1.9	2060.1	P	7606.7	P
At2g32190	expressed protein	1.8	1051.7	P	3317.8	P
At1g72520	lipoygenase (LOX), putative	1.8	301.6	P	1055.6	P
At5g47230	ethylene responsive element binding factor 5 (AtERF5)	1.8	272.1	P	801	P
At2g32210	expressed protein	1.7	2023	P	6492.9	P
At1g80840	WRKY family transcription factor	1.7	683.5	P	2490.8	P

At2g41640	expressed protein	1.7	433.9	P	1227.3	P
At2g41010	expressed protein	1.6	247.9	P	798.8	P
At1g19020	expressed protein	1.6	2219.9	P	6687.5	P
At3g28340	galactinol synthase, putative	1.6	829.5	P	2879.7	P
At3g52400	syntaxin of plants SYP122	1.6	1212.9	P	3891.1	P
At5g10695	expressed protein	1.6	1242.9	P	3316.3	P
At1g73540	MutT/nudix family protein	1.6	196.2	P	819.3	P