

	Cr	Mn	Fe	Cu	Zn	As	Cd	Hg	Pb
MW	51.9	54.9	55.8	58.9	63.38	74.9	112.41	200.5	207.2
low	0	10	10	50	10	0	60	40	60
high	25	500	30	100	50	25	100	60	80
hyper threshold	0.10%	1.00%	0.10%	0.10%	1.00%	0.01%	0.01%	0.10%	1.00%
percent capture (low)	0.00%	0.11%	0.11%	0.59%	0.13%	0.00%	1.35%	1.60%	2.49%
percent capture (high)	0.26%	5.49%	0.56%	1.18%	0.63%	0.32%	2.25%	2.41%	3.32%
mutants	Sul1, Sul2	S*BC, S*BCT	FTR1, FTR4, S+C1	CTR1, CTR3, S+C1	n/a	Pho84, Pho87, Pho89	S*BCT, mCd, ΔM17	ΔM17, ΔH2, ΔC4, ΔHM	ΔM17, ΔH2, ΔC4, ΔHM

	Mn	Co	Ni	Cu	Zn	Cd	Hg	Pb	Ca
MW	54.94	58.93	58.69	63.546	65.38	112.411	200.592	207.2	40.078
pyrG (62.5 kDa)	92.7 0.08%	45 0.04%	204.7 0.19%	462.7 0.47%	413.1 0.43%	259.7 0.47%	669.7 2.15%	387 1.28%	- -
glnA (54 kDa)	341.3 0.35%	130 0.14%	186.3 0.20%	228.3 0.27%	699.7 0.85%	372.7 0.78%	166 0.62%	433.3 1.66%	- -
+CaM (70.3 kDa)	- -	- -	- -	- -	- -	- -	- -	- -	226.3 0.13%
+MT1A (58.9 kDa)	172.3 0.16%	108 0.11%	137.3 0.14%	634.3 0.68%	813.7 0.90%	541.7 1.03%	313.3 1.07%	482 1.70%	- -