oxidative stress proteins alpha = 4.2e - 031000 750 500 250 Peroxiredoxin-4 O 1000 Superoxide dismutase 500 120 90 Peroxidasin homolog 60 30 0 2500 2000 1500 1000 500 0 Peroxiredoxin-6 300 Glutathione 200 peroxidase 1 100 20 Peroxiredoxin 10 Phospholipid 200 hydroperoxide glutathione 100 peroxidase 30 20 Peroxidasin 10 300 200 Superoxide dismutase 100 0 20 15 Copper chaperone for 10 superoxide dismutase 5 100 75 Hydrogen peroxide inducible genes 50 activator 25 0 Superoxide dismutase Depth Temperature 02 02 4 6 8 P

environment