

Supporting Table 5: Genes changed in H<sub>2</sub>S and regulated by *skn-1*

**upregulated by *skn-1* in unstressed conditions\***

<u>increased in H<sub>2</sub>S</u>	<u>decreased in H<sub>2</sub>S</u>
C31C9.2	<i>kqt-2</i>
<i>nspa-9</i>	<i>pcp-2</i>
<i>clec-17</i>	<i>ifp-1</i>
F01D5.3	<i>amt-1</i>
F01D5.5	
<i>gst-4</i>	
<i>cysl-2</i>	
<i>dhs-23</i>	
<i>nspa-8</i>	
<i>rhy-1</i>	
<i>nspa-5</i>	
<i>nit-1</i>	

**down-regulated by *skn-1* in unstressed conditions\***

<u>increased in H<sub>2</sub>S</u>	<u>decreased in H<sub>2</sub>S</u>
<i>ilys-2</i>	Y39B6A.24
Y47H9C.1	
<i>ins-7</i>	

**upregulated by arsenic stress\***

<u>increased in H<sub>2</sub>S</u>	<u>decreased in H<sub>2</sub>S</u>
<i>nspa-9</i>	<i>pcp-2</i>
F01D5.3	
<i>gst-4</i>	
<i>cysl-2</i>	
M05D6.6	
<i>dhs-23</i>	
<i>nspa-8</i>	
<i>nspa-5</i>	
<i>nit-1</i>	

**upregulated by t-butyl hydroperoxide\***

<u>increased in H<sub>2</sub>S</u>	<u>decreased in H<sub>2</sub>S</u>
C31C9.2	<i>amt-1</i>
<i>gst-4</i>	C01G5.4
<i>nit-1</i>	

**regulated in hyperoxia<sup>#</sup>**

increased in H<sub>2</sub>S

*gst-16*  
*gst-4*  
*hsp-16.41*<sup>+</sup>  
*nsp-16.2*<sup>+</sup>

Overlapping genes referred to in Figure 3B of main text

\**skn-1*-dependent transcripts from Oliveira et al (2009)

<sup>#</sup>*skn-1*-dependent transcripts from Park et al (2009)

<sup>+</sup>downregulated in hyperoxia