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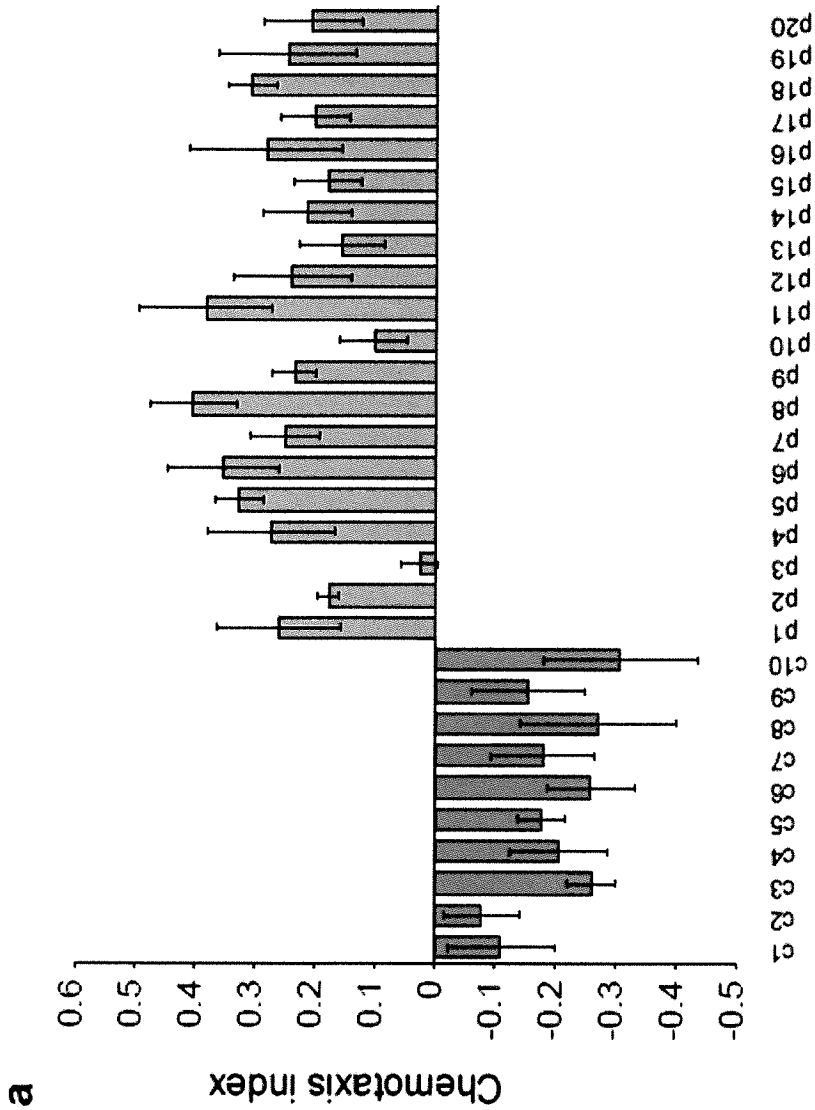


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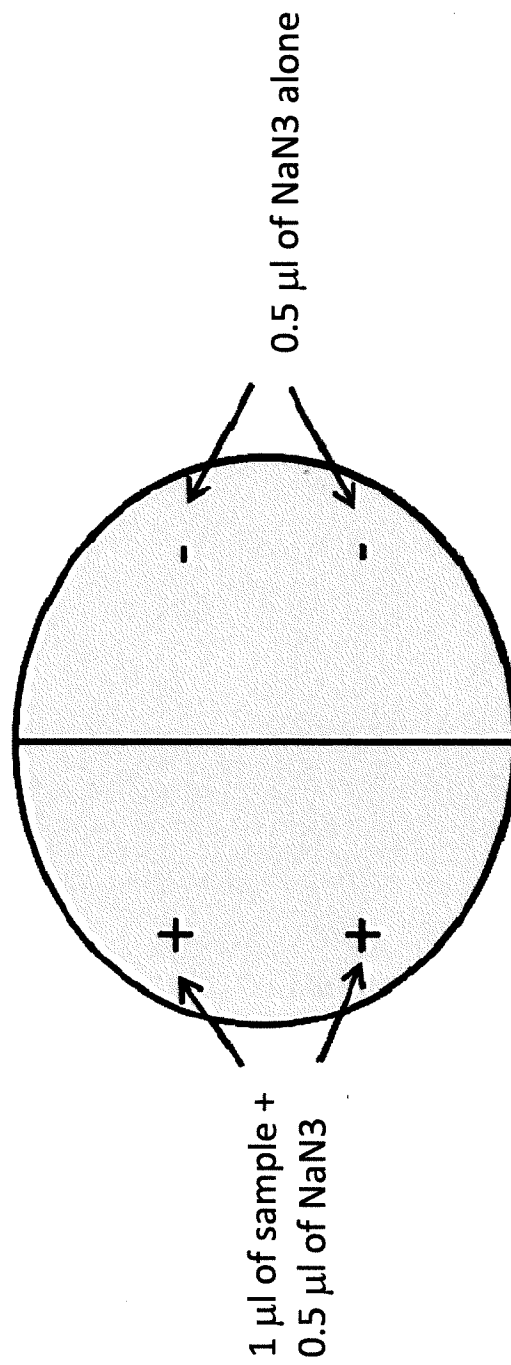


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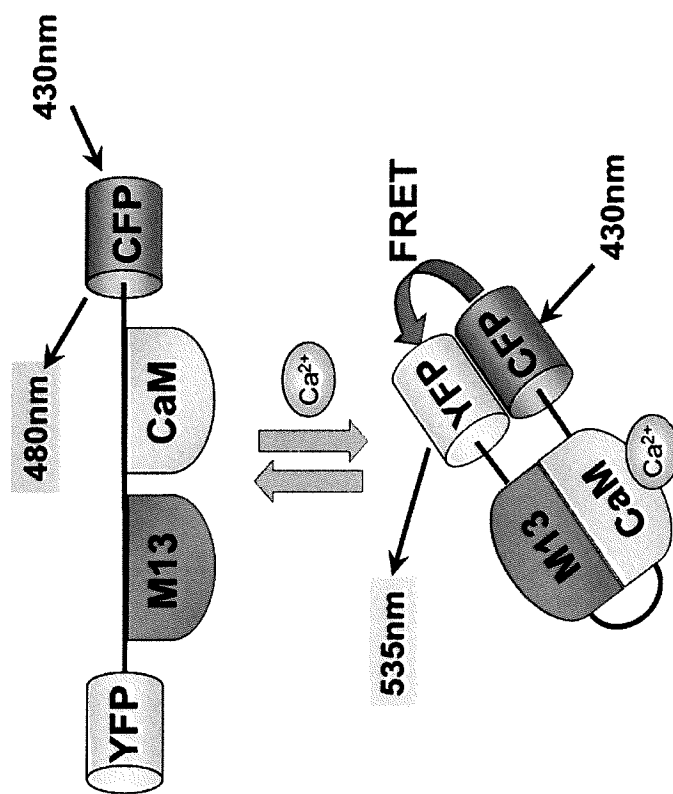


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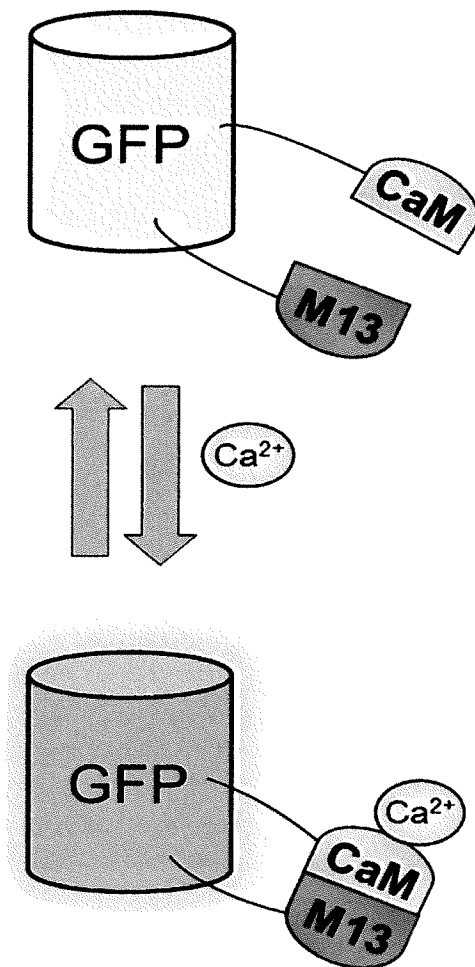


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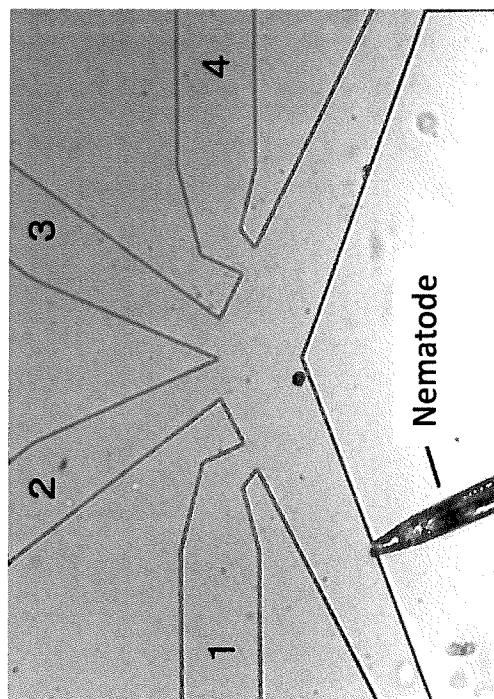


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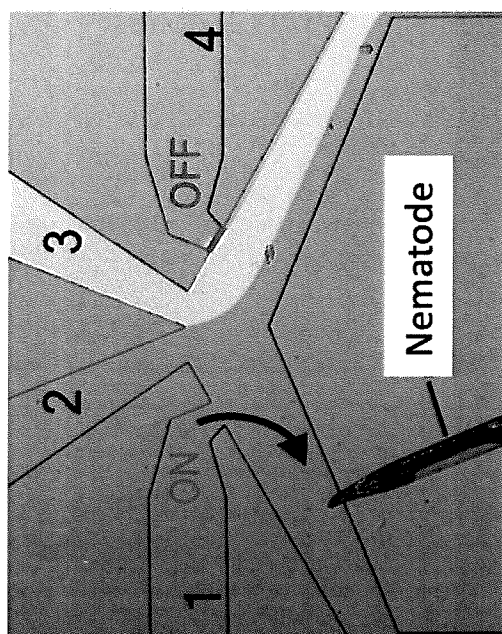
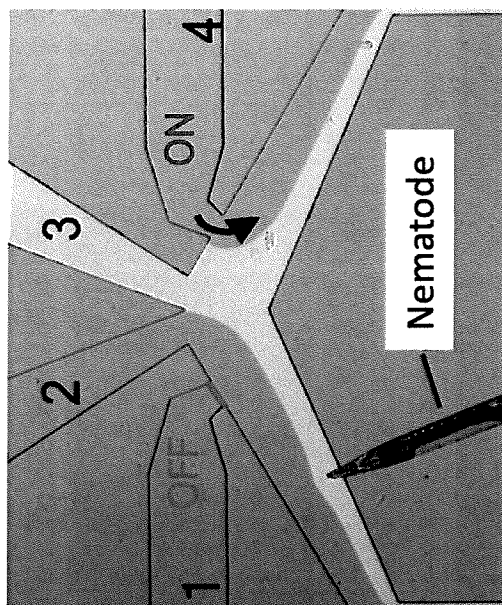


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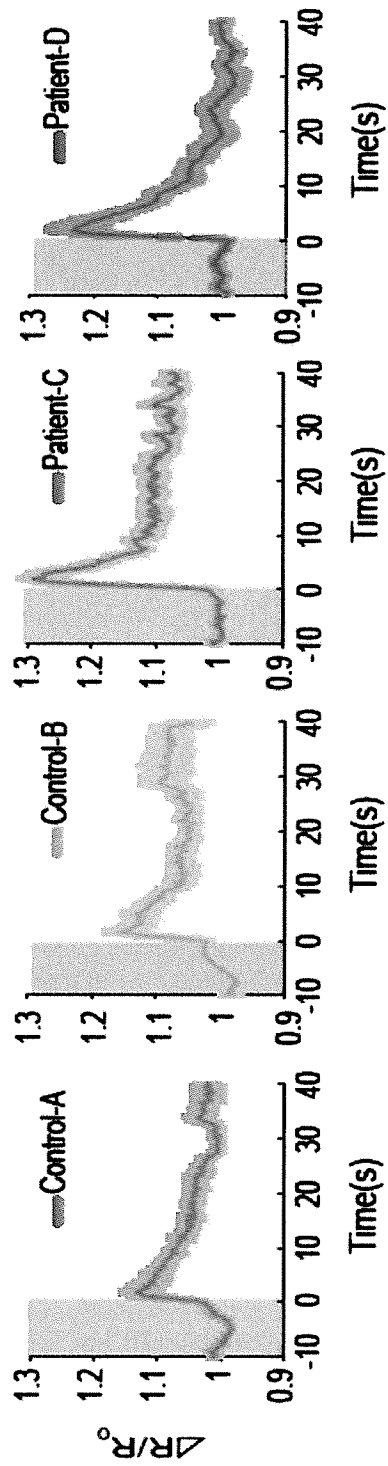


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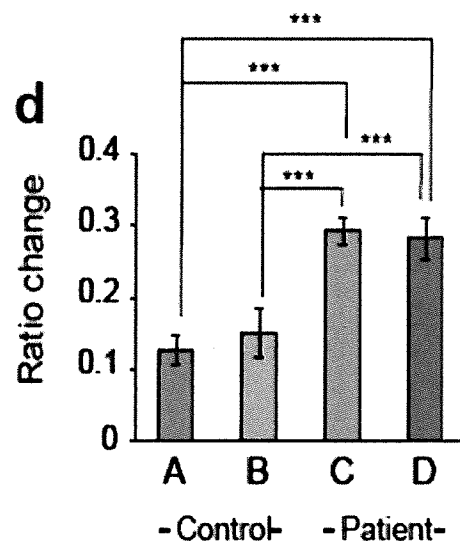


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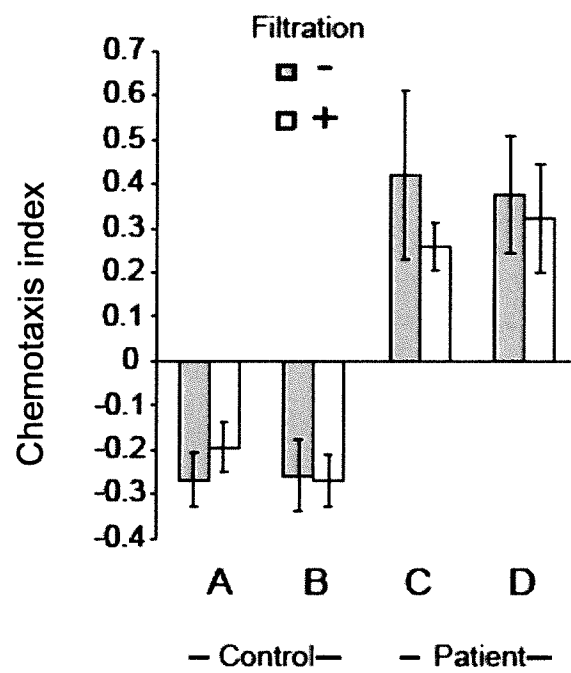


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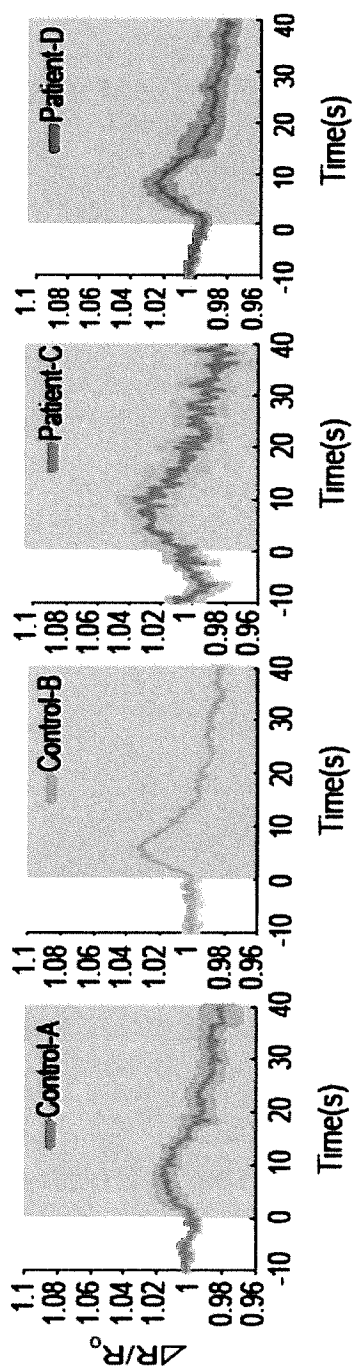


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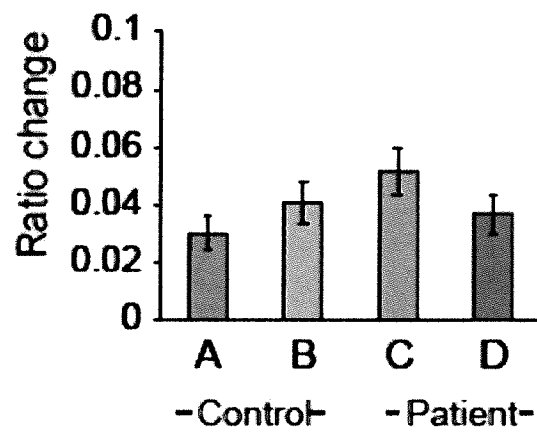
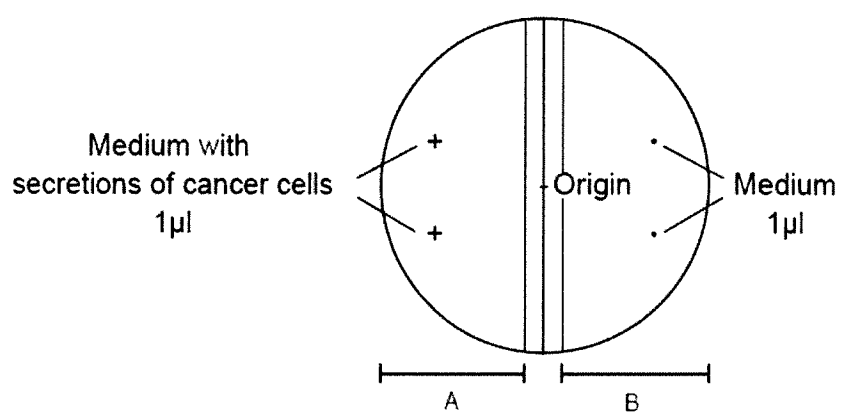


Figure 12

a



b

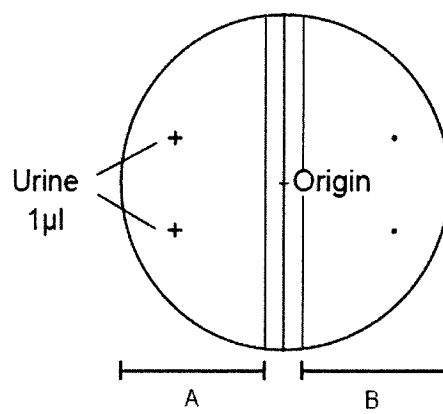


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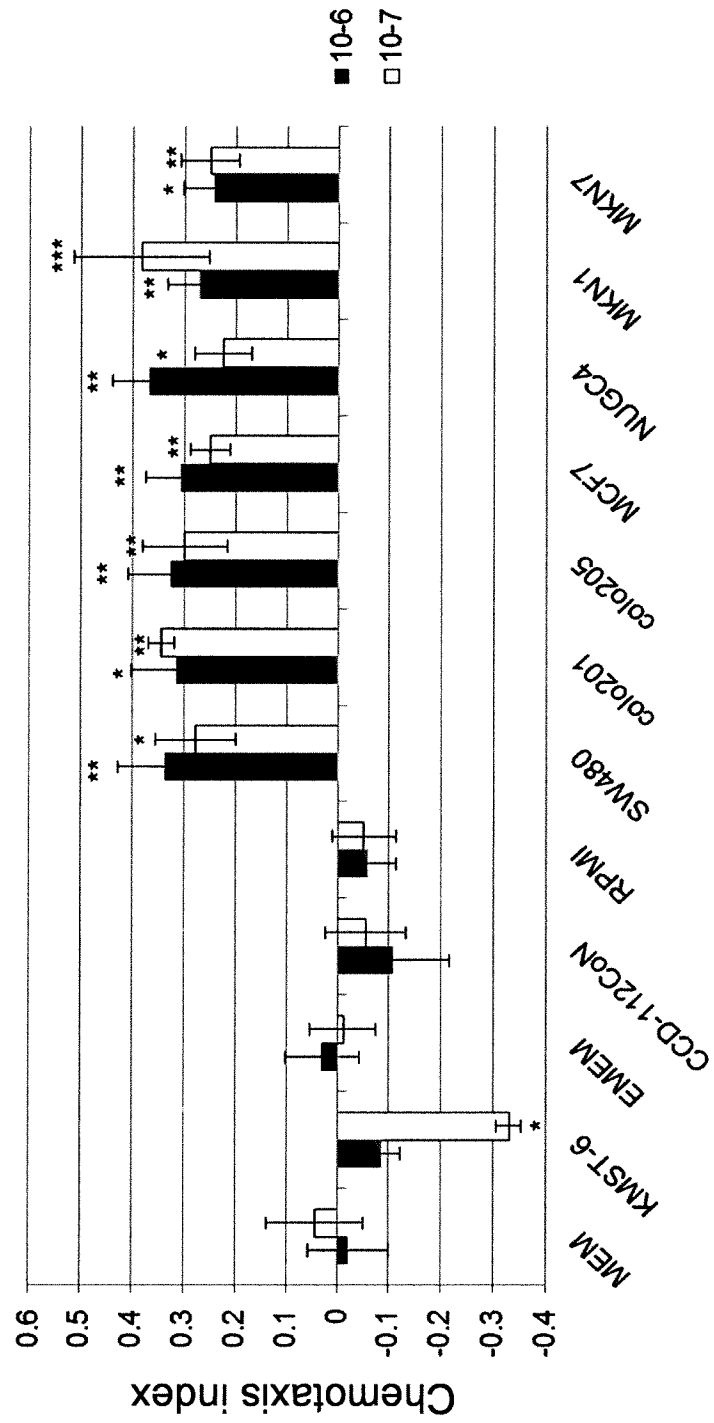


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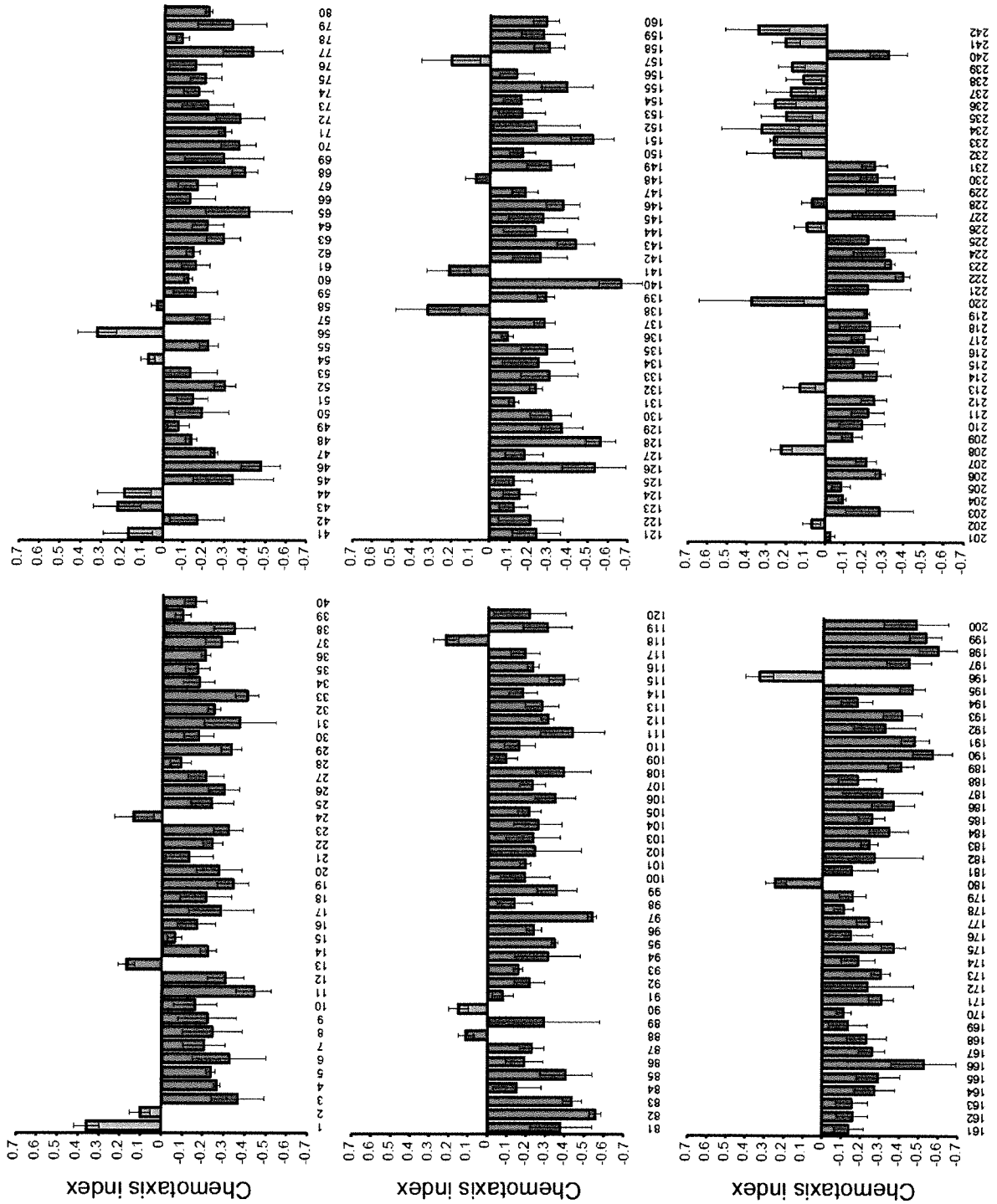


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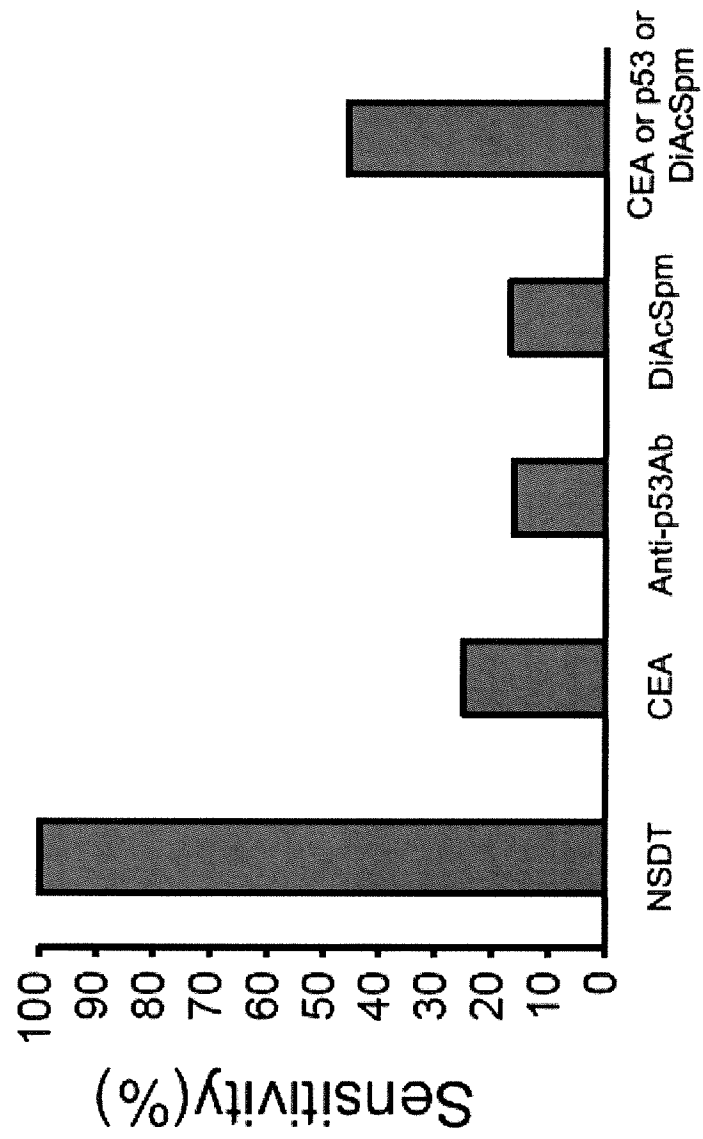


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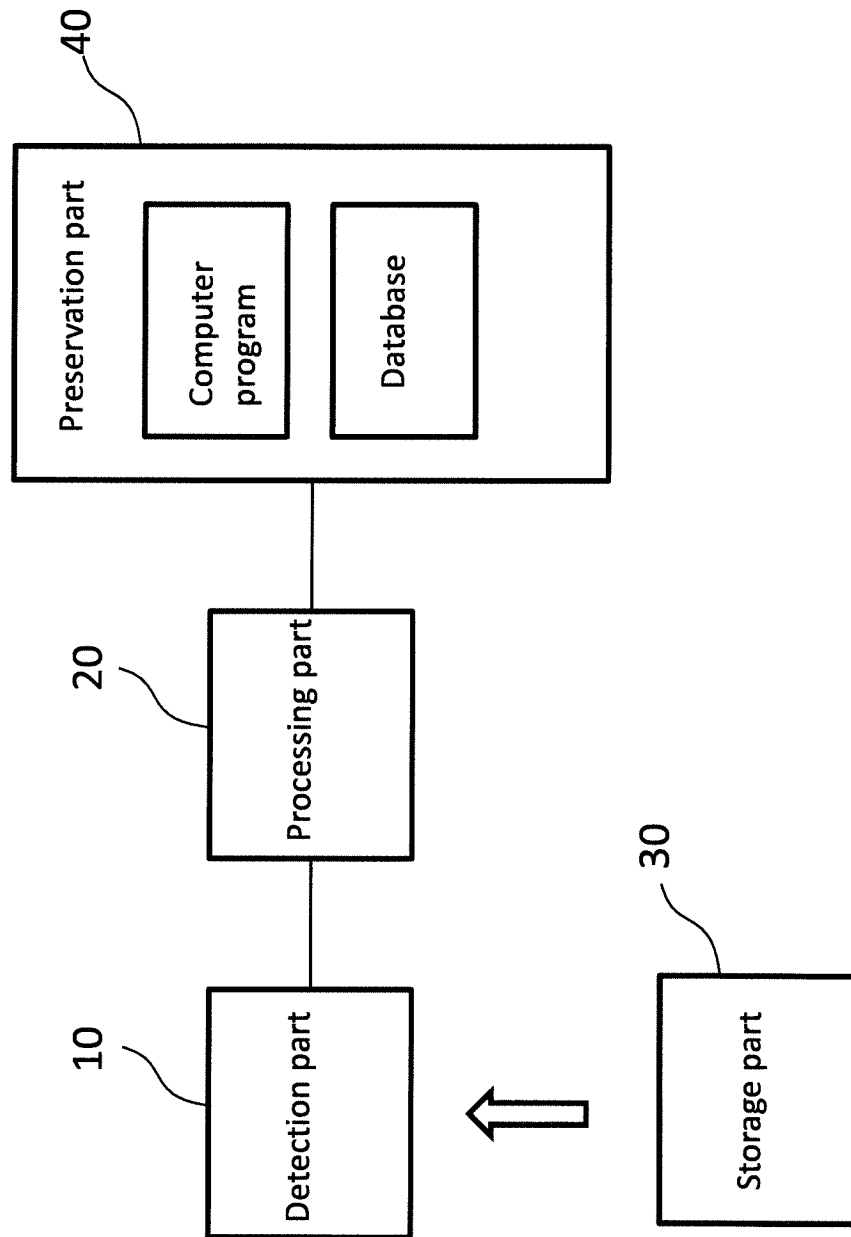


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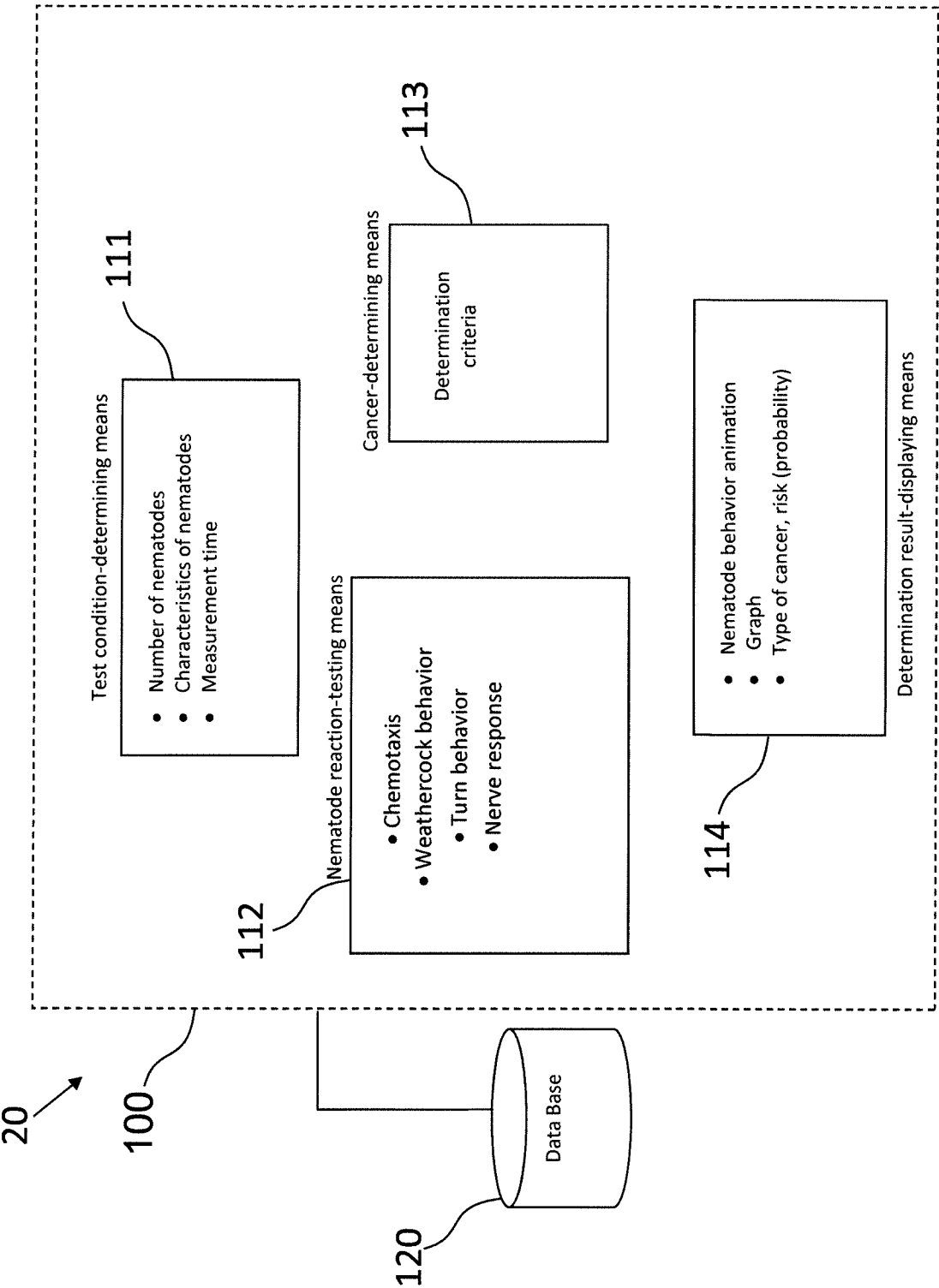


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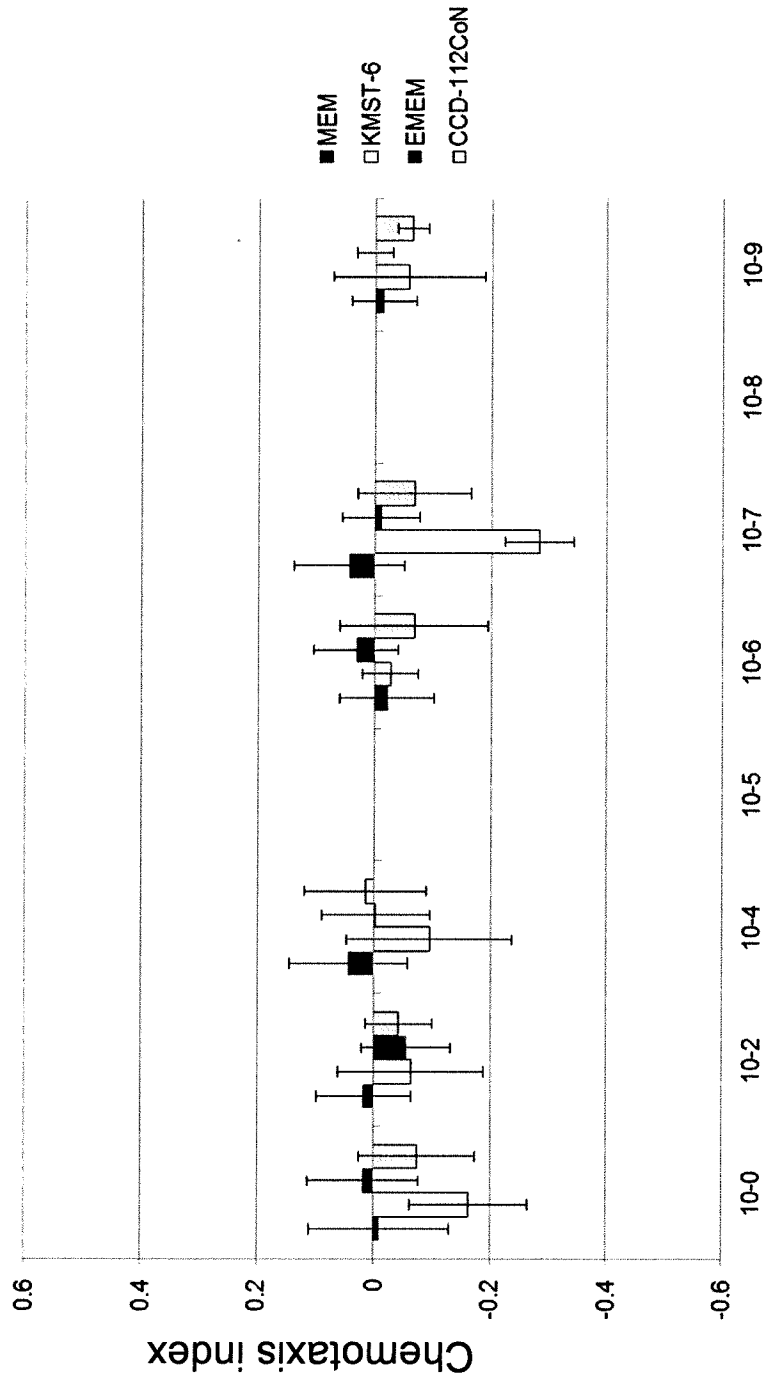


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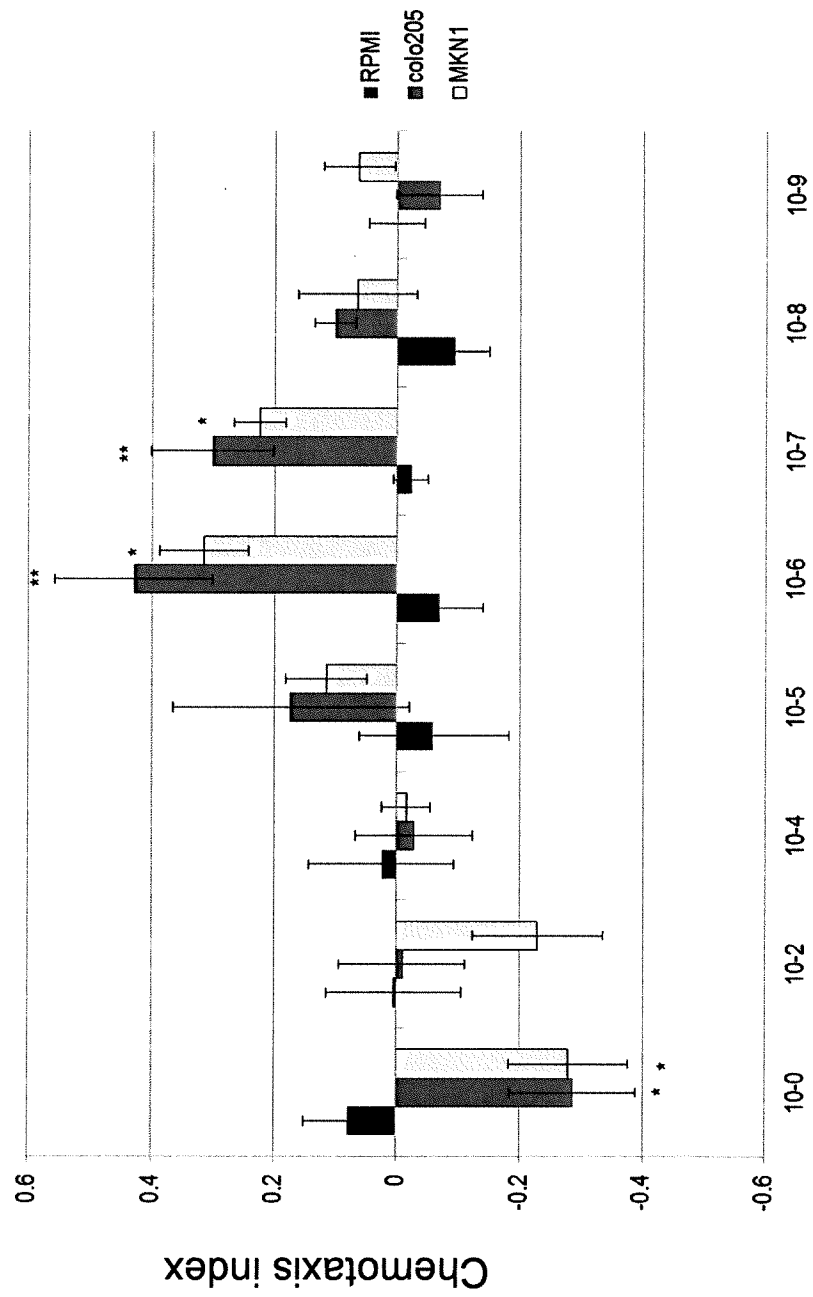


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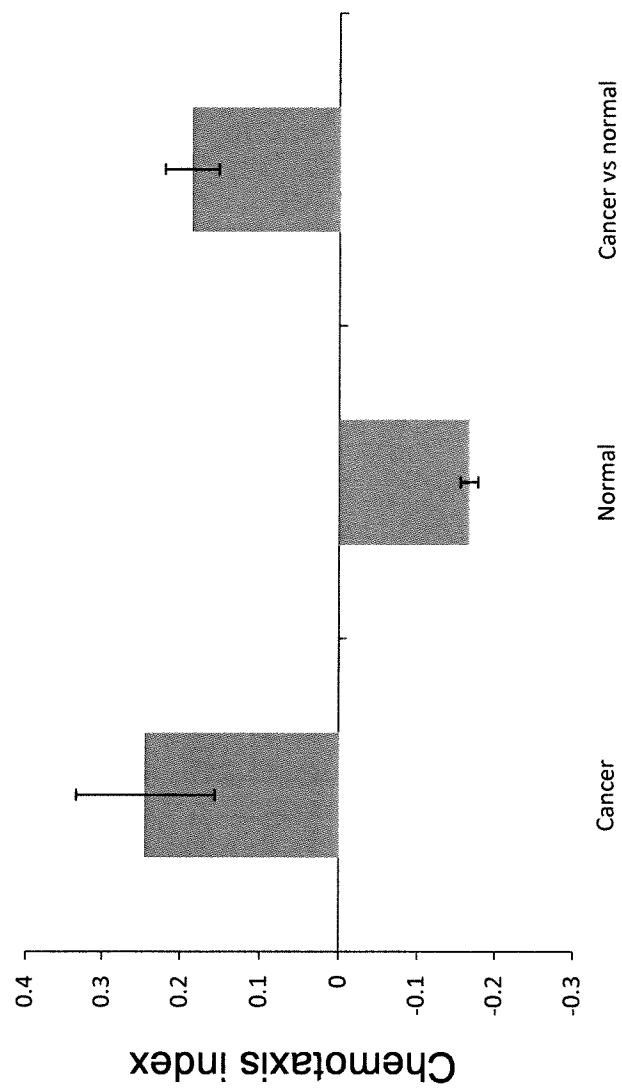


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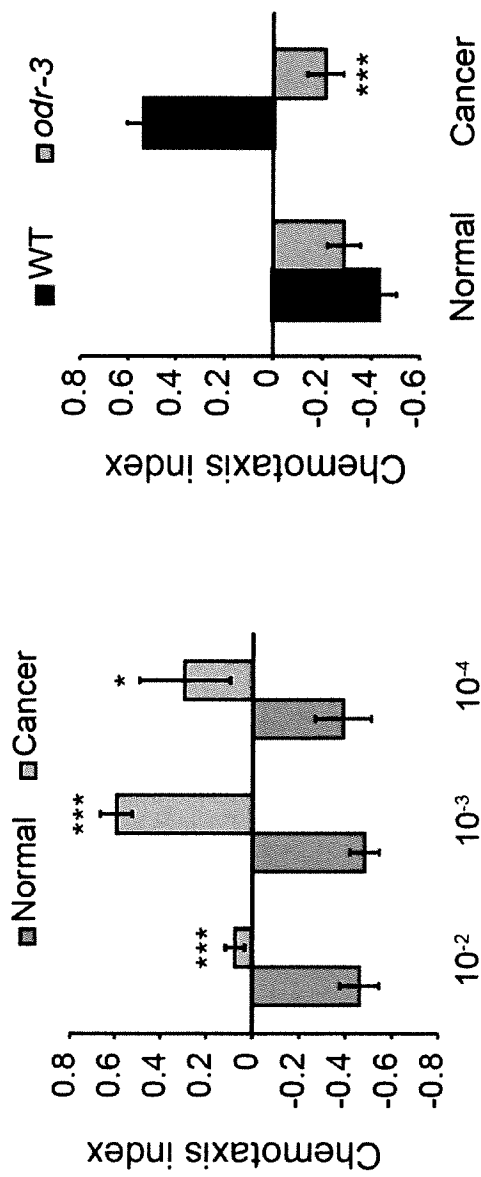


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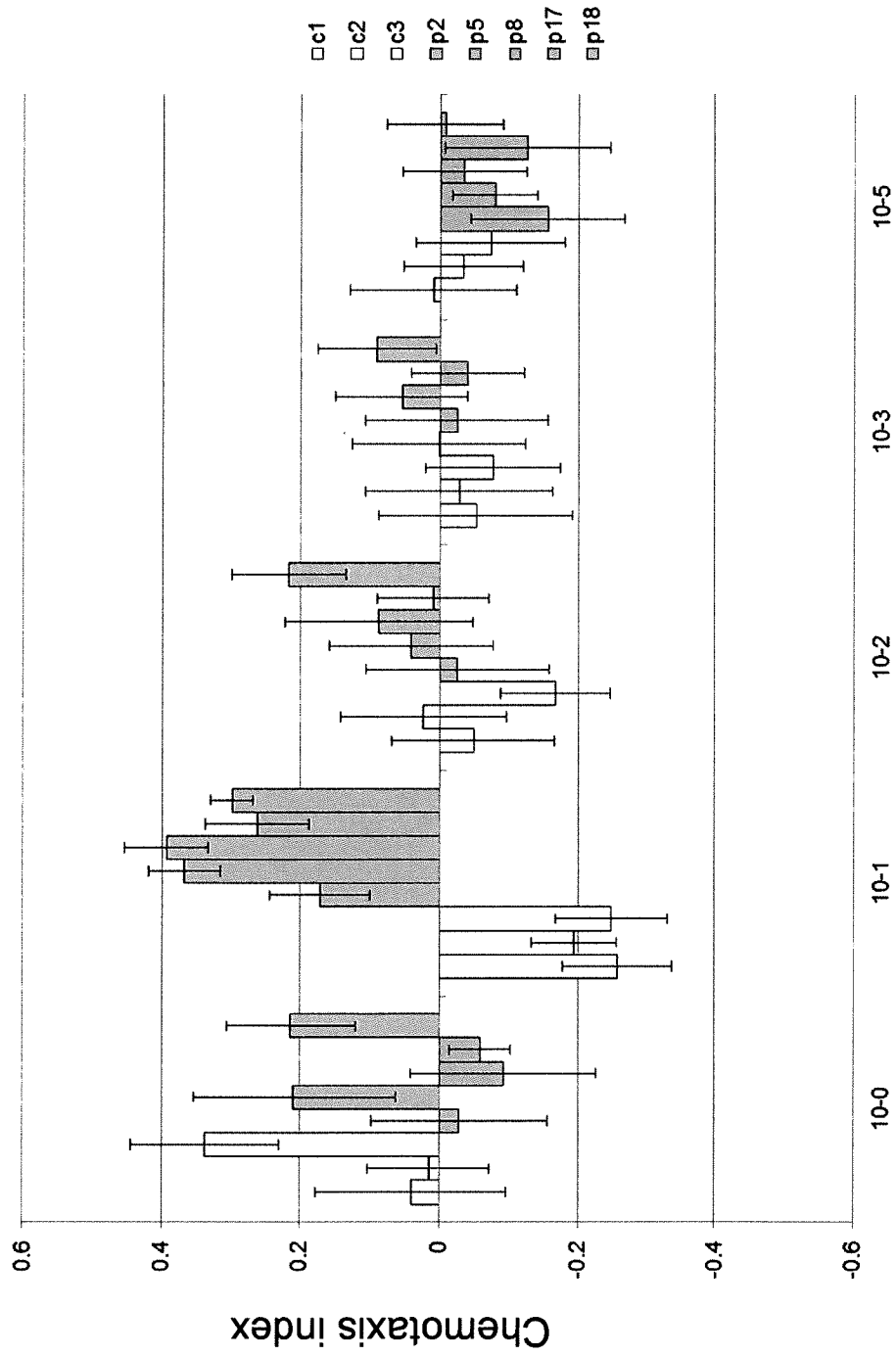


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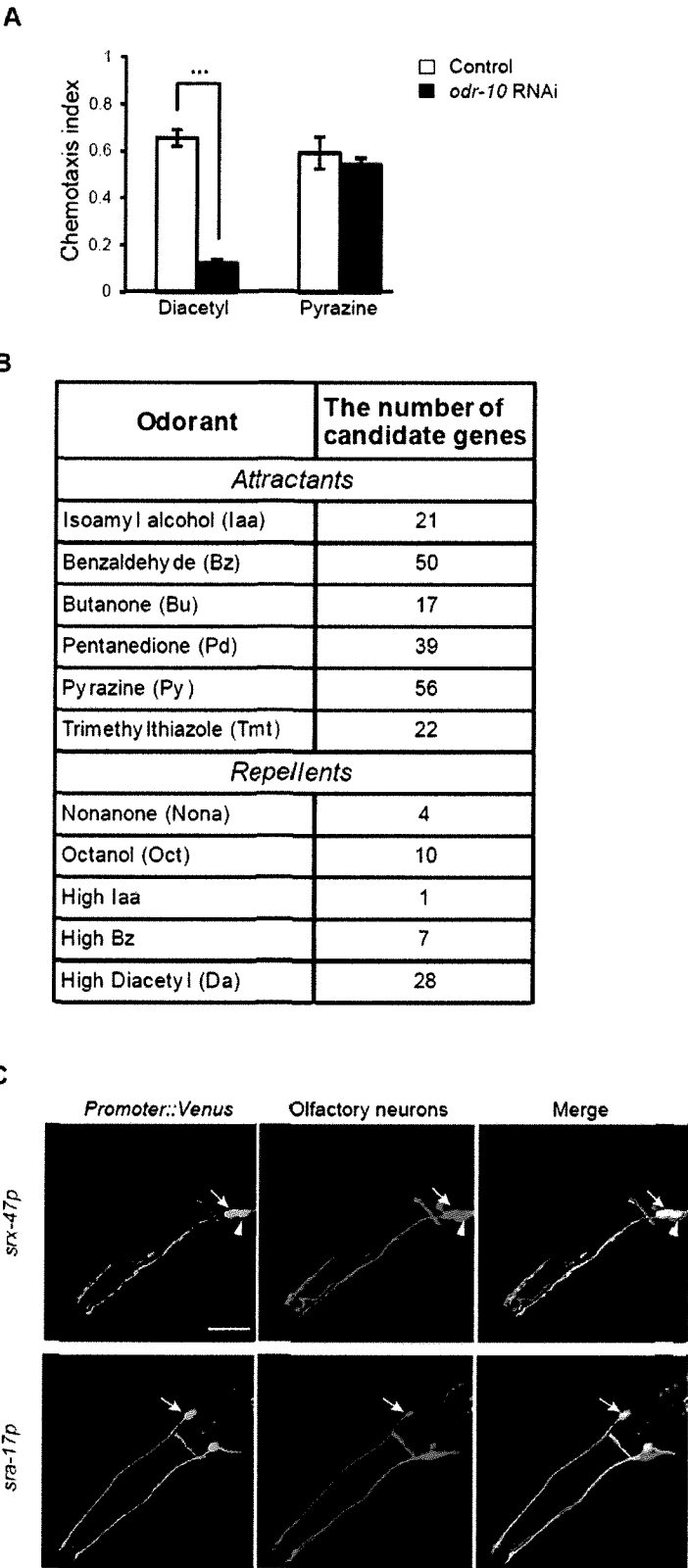


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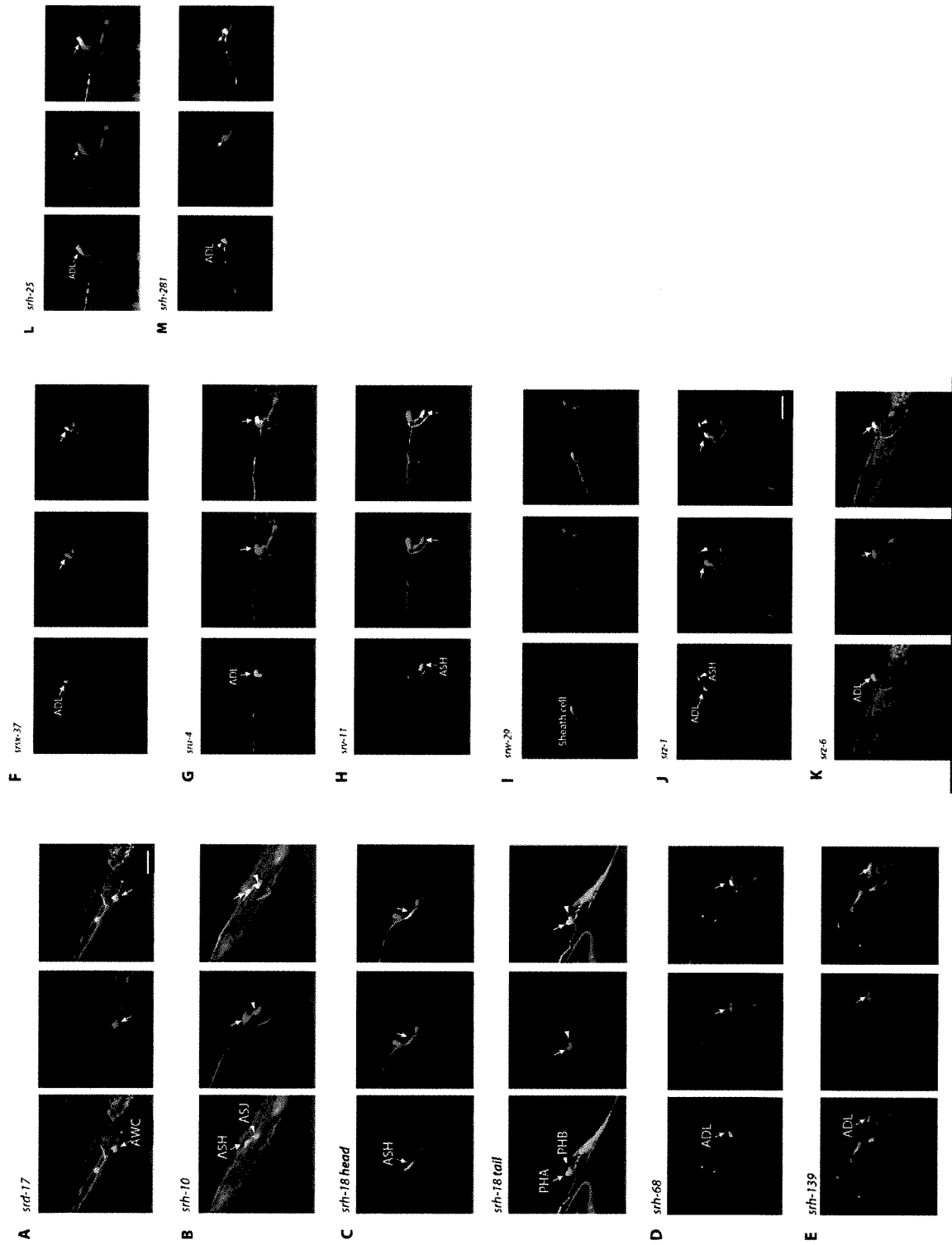


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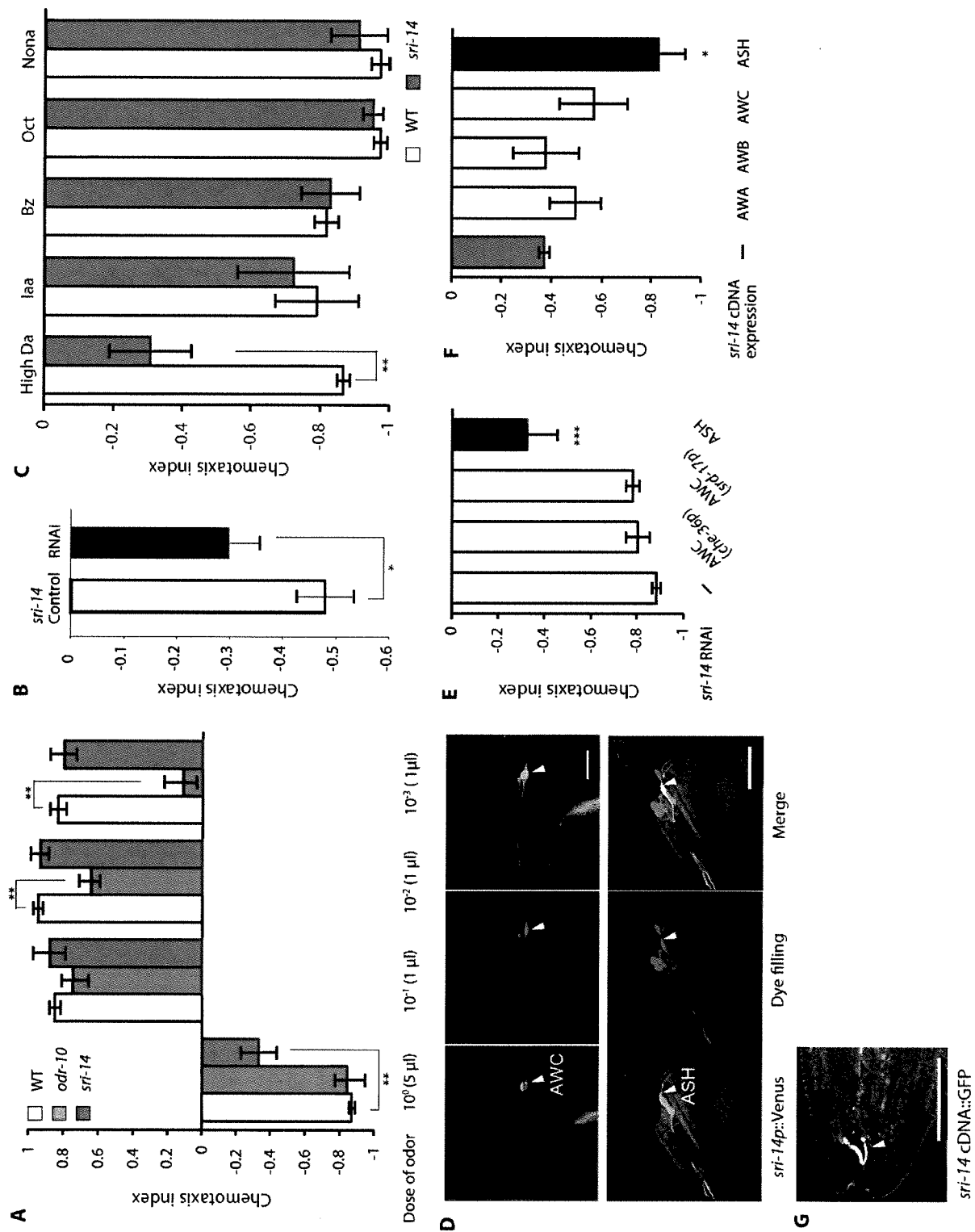
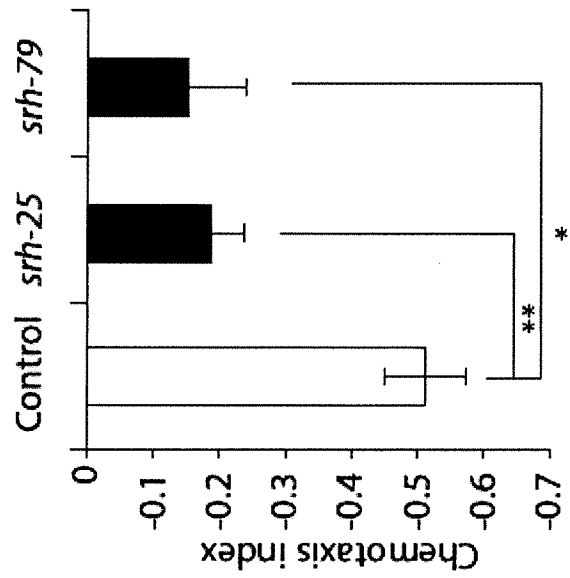
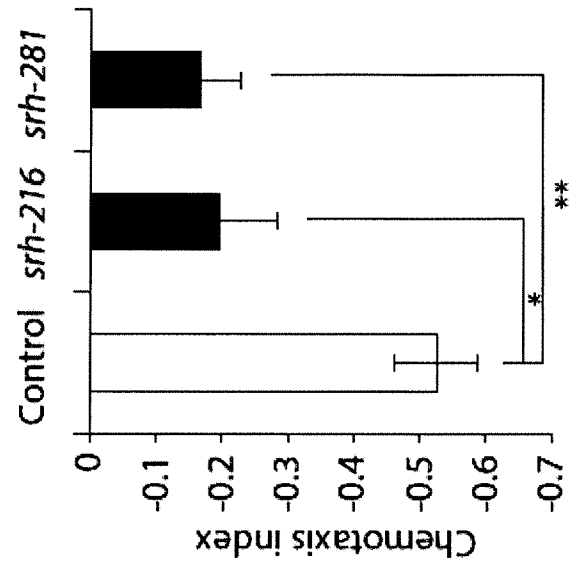


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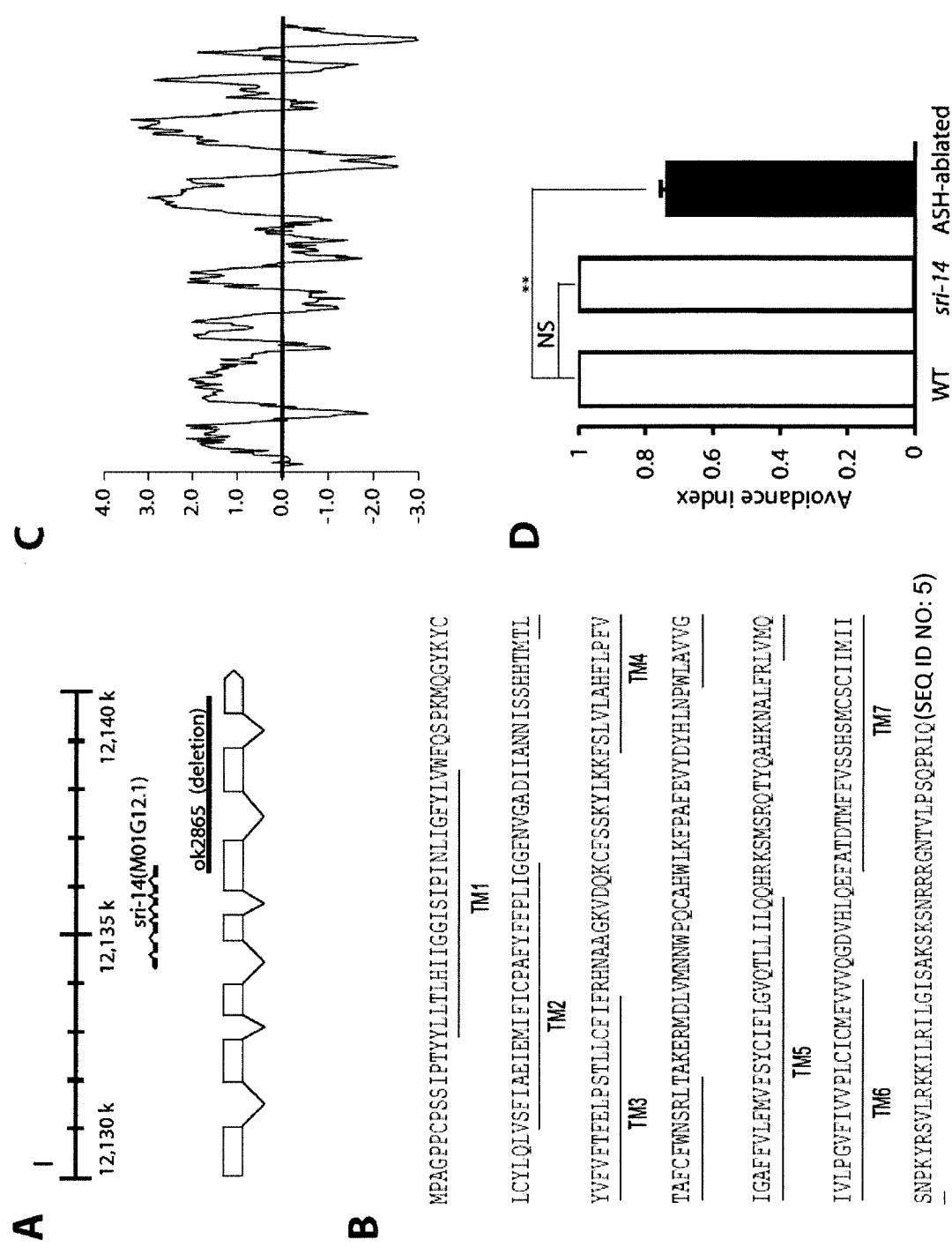


Figure 26

Figure 27

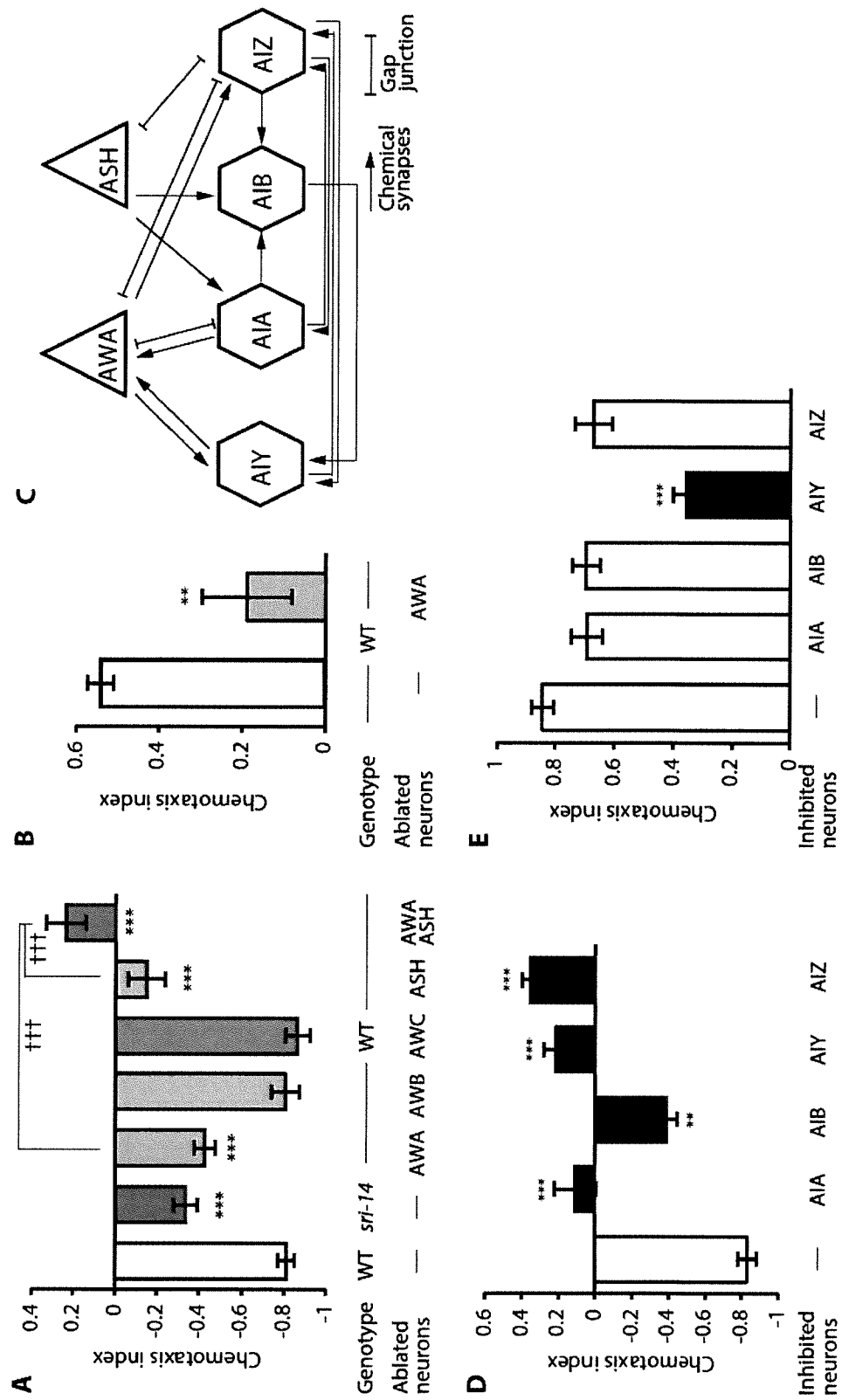


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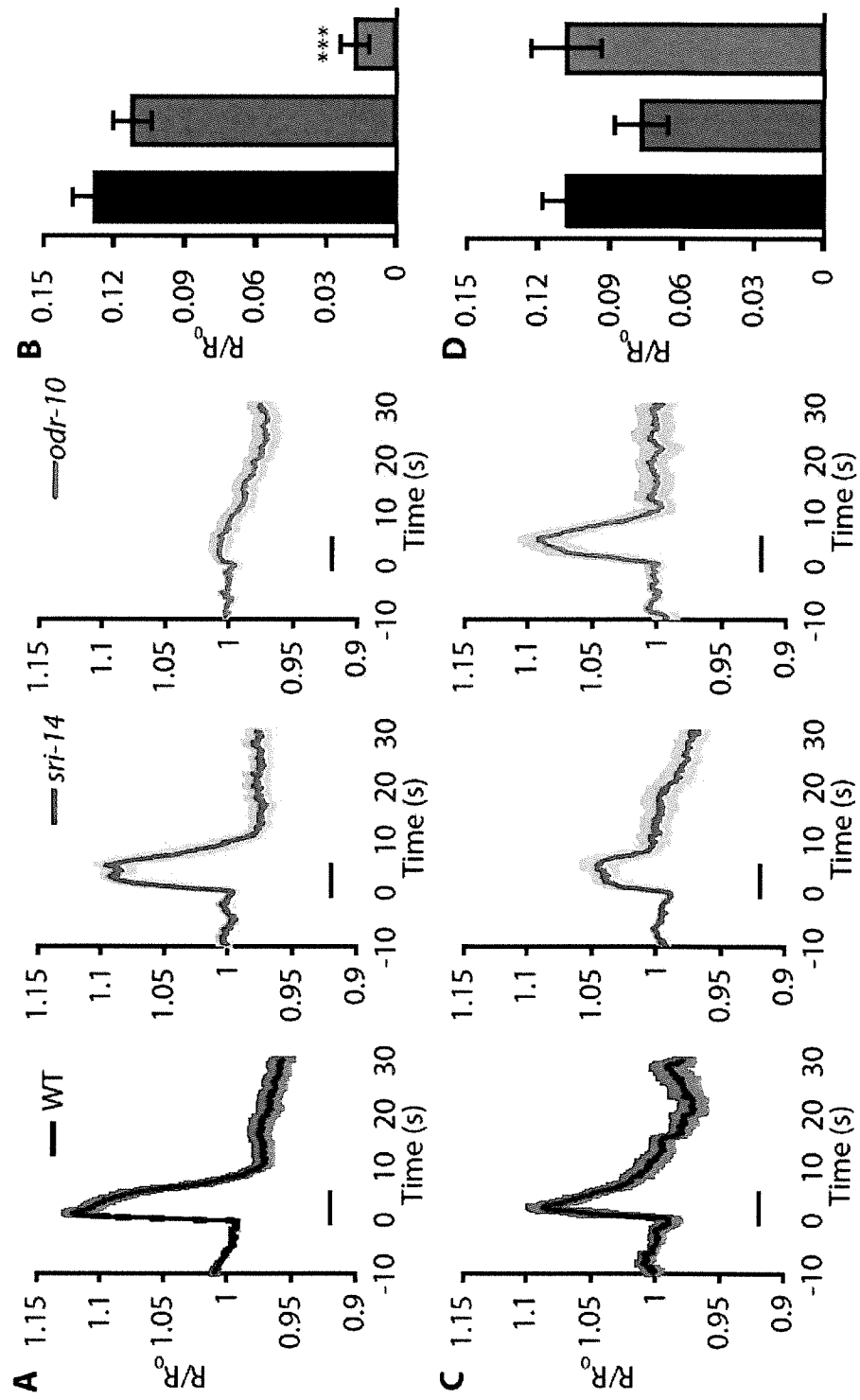


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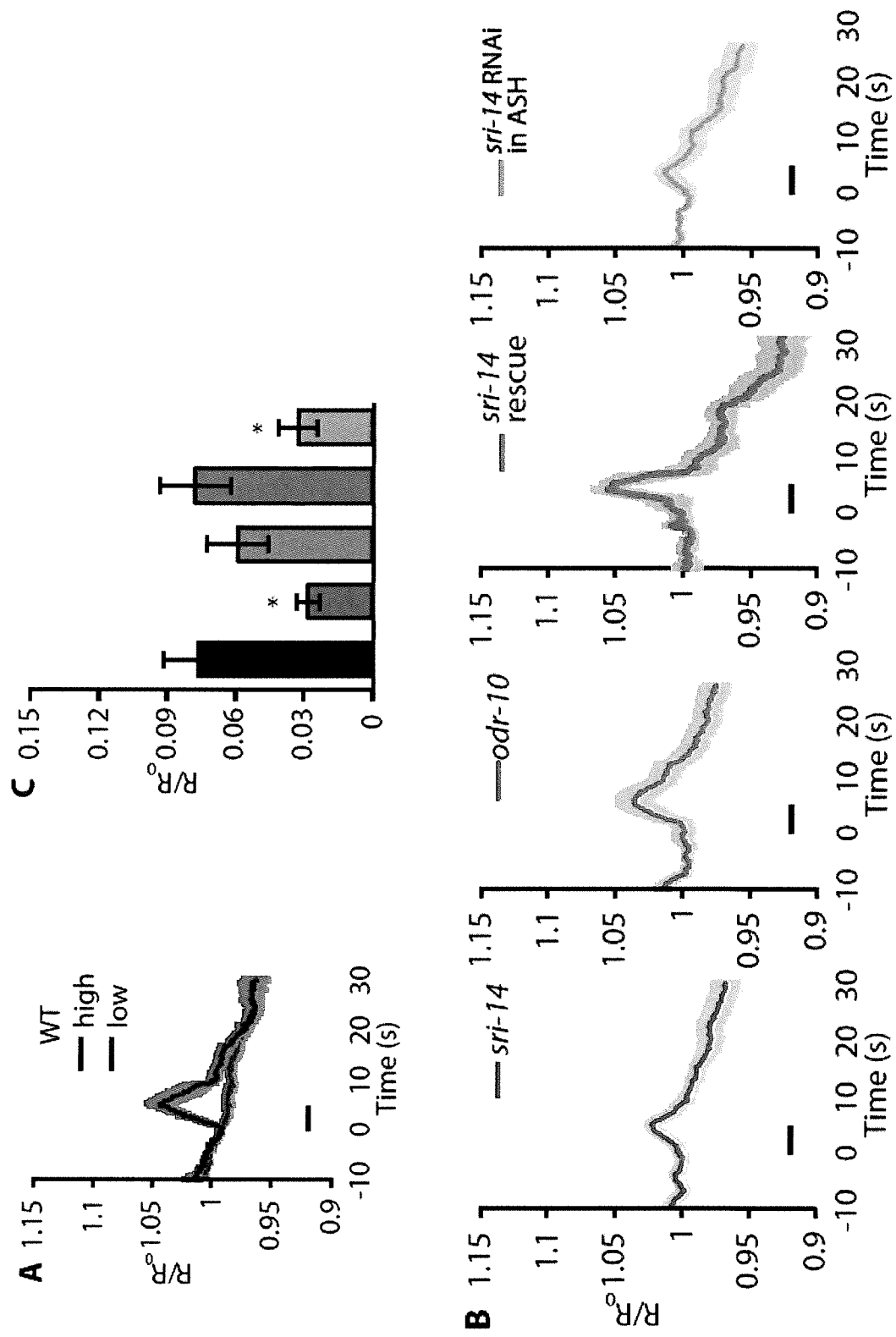


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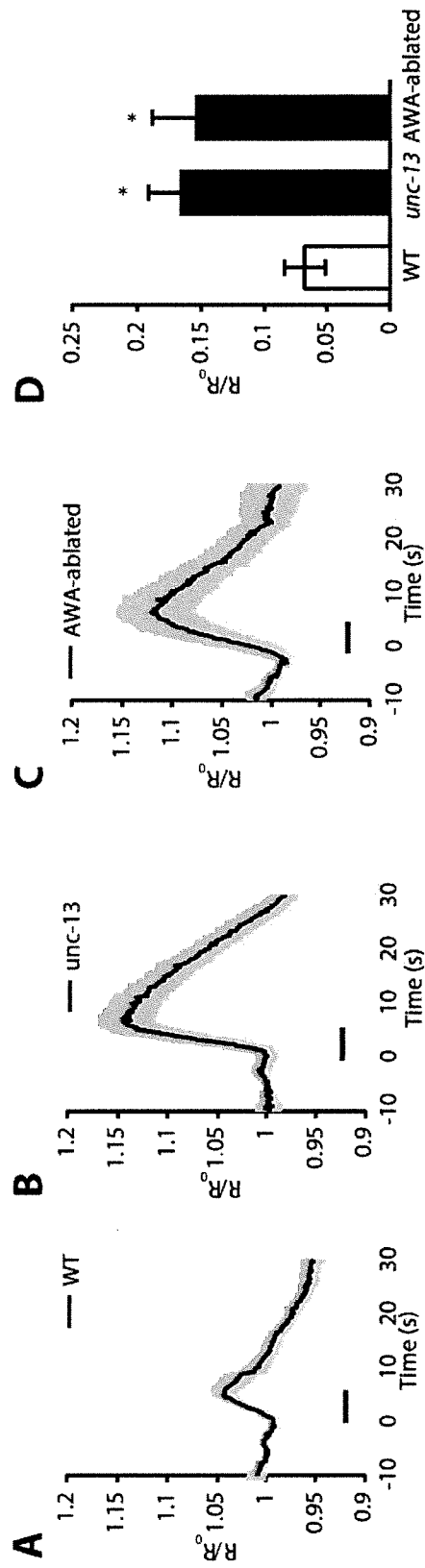


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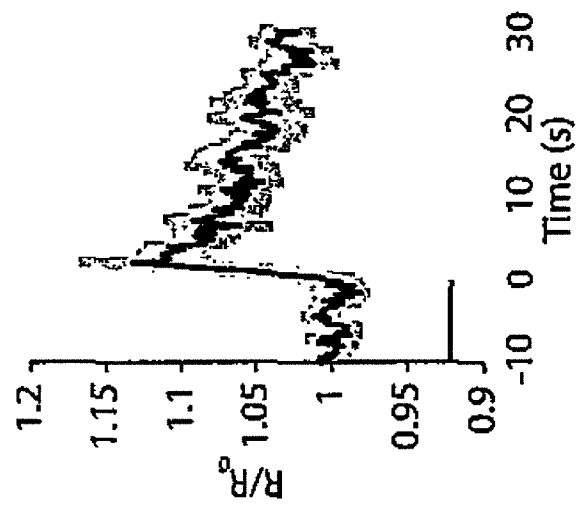


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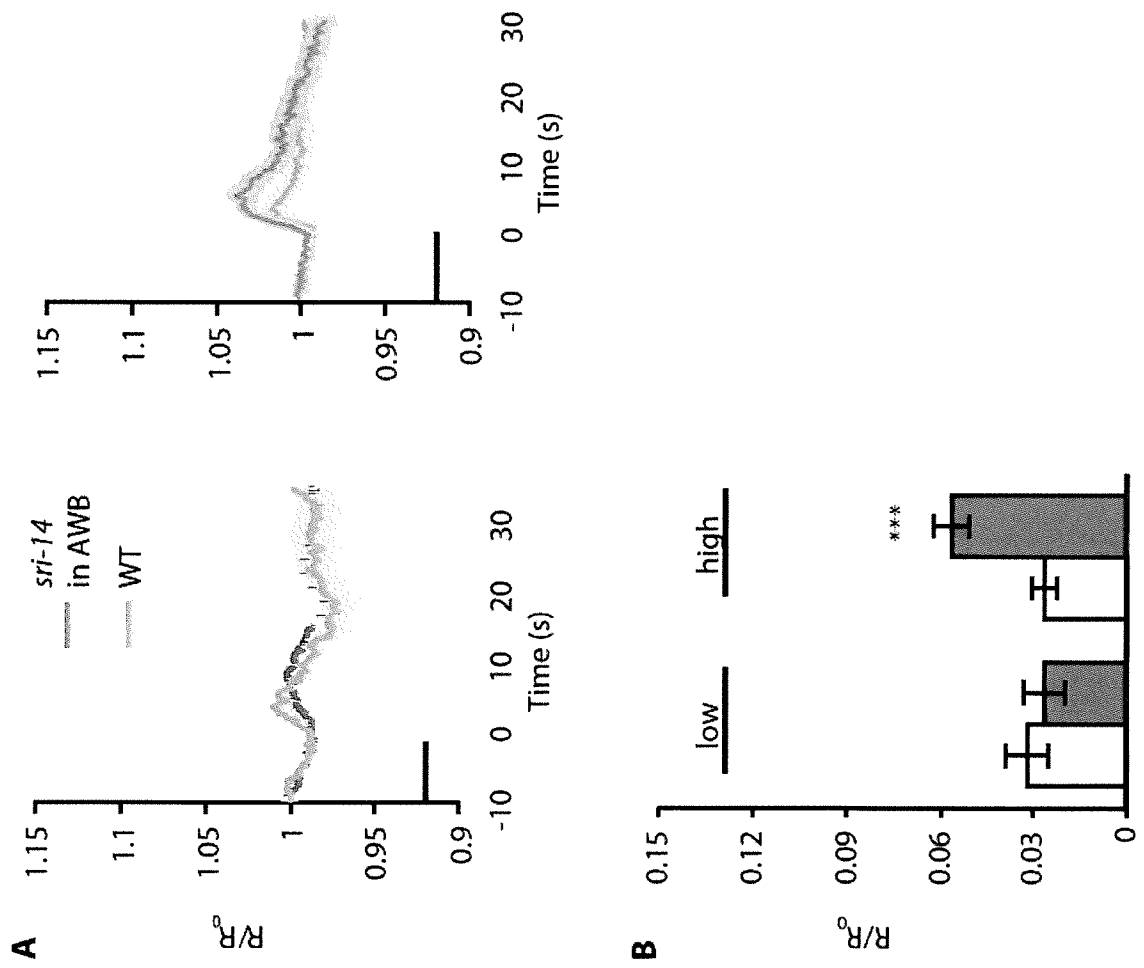


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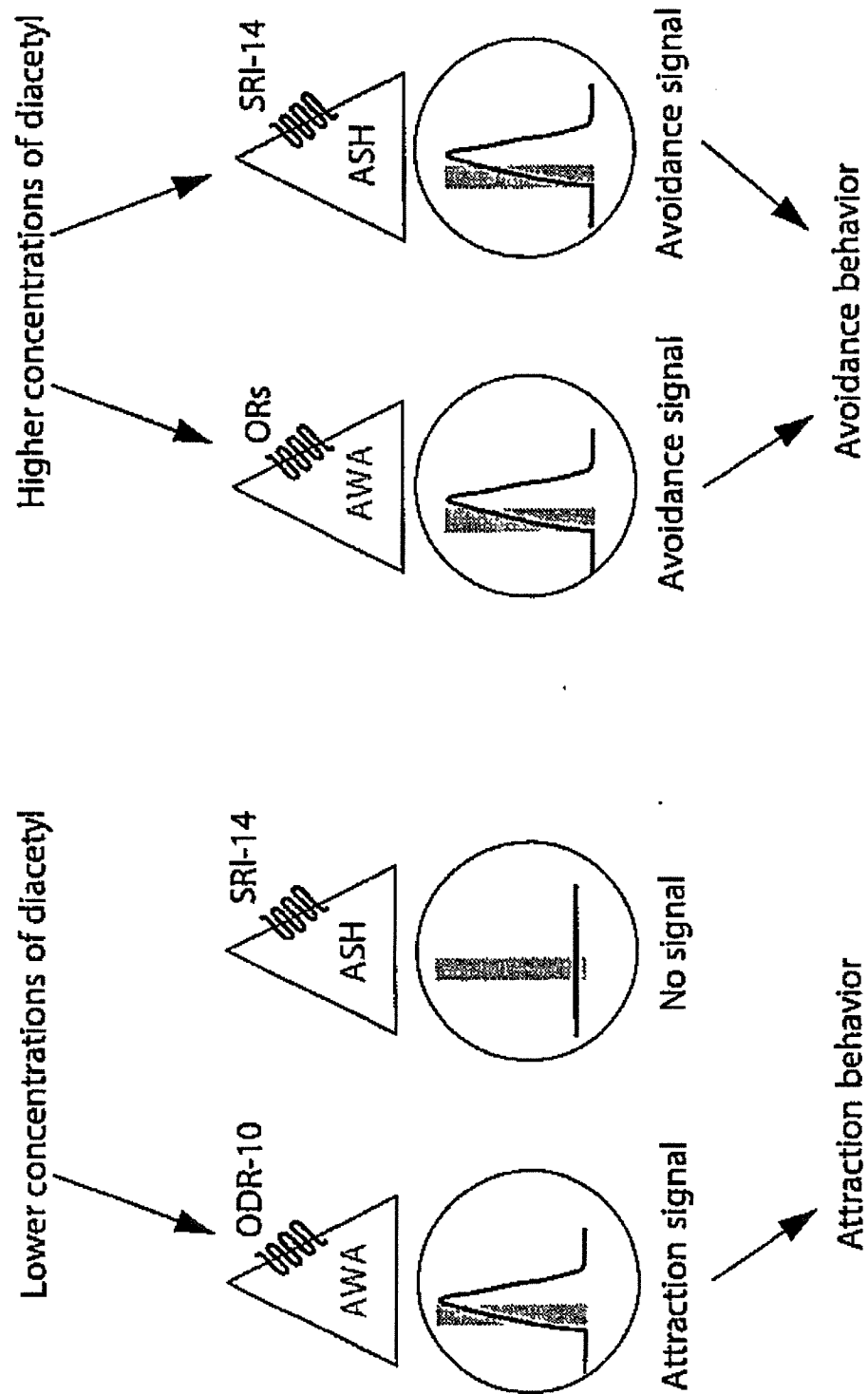


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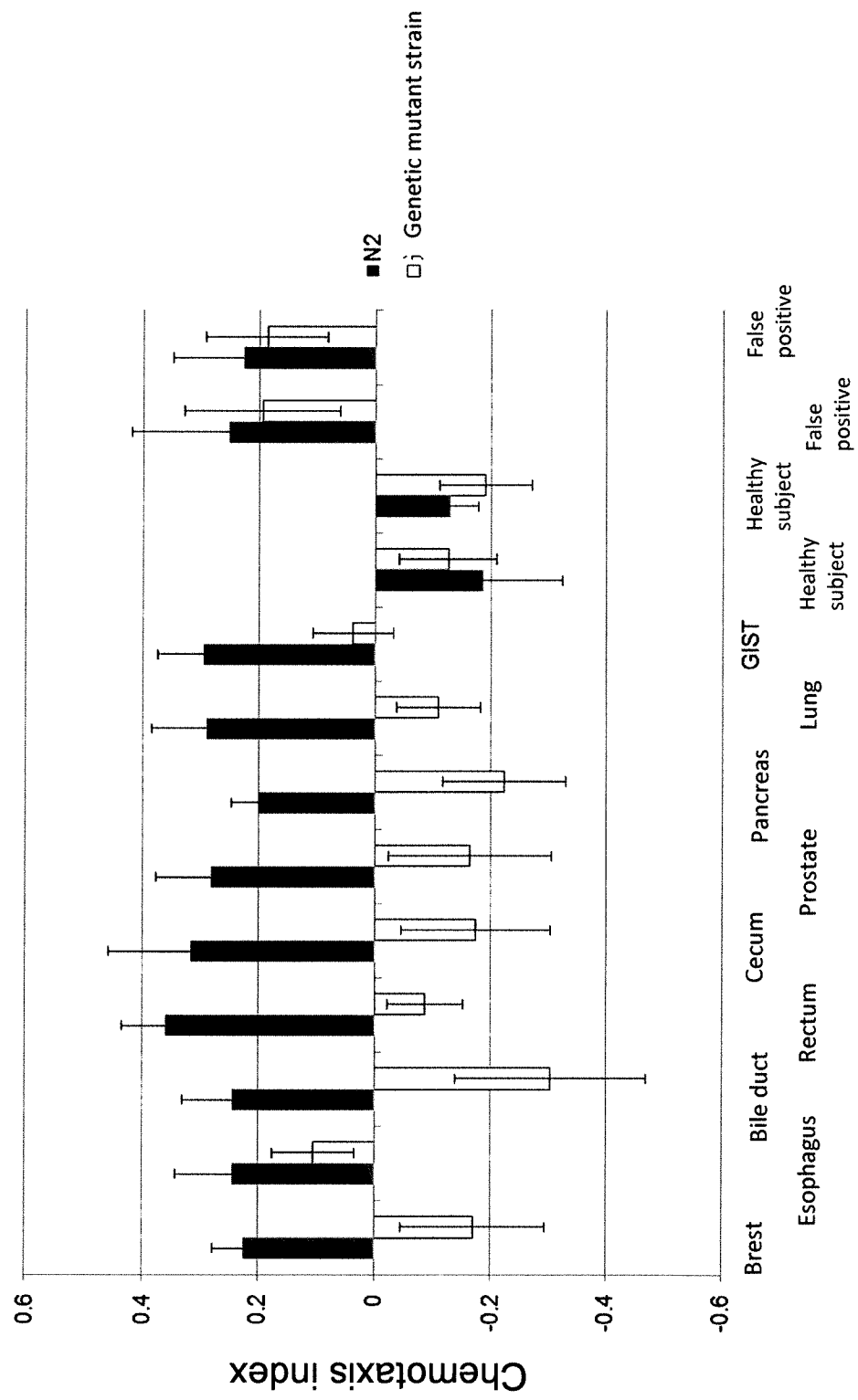


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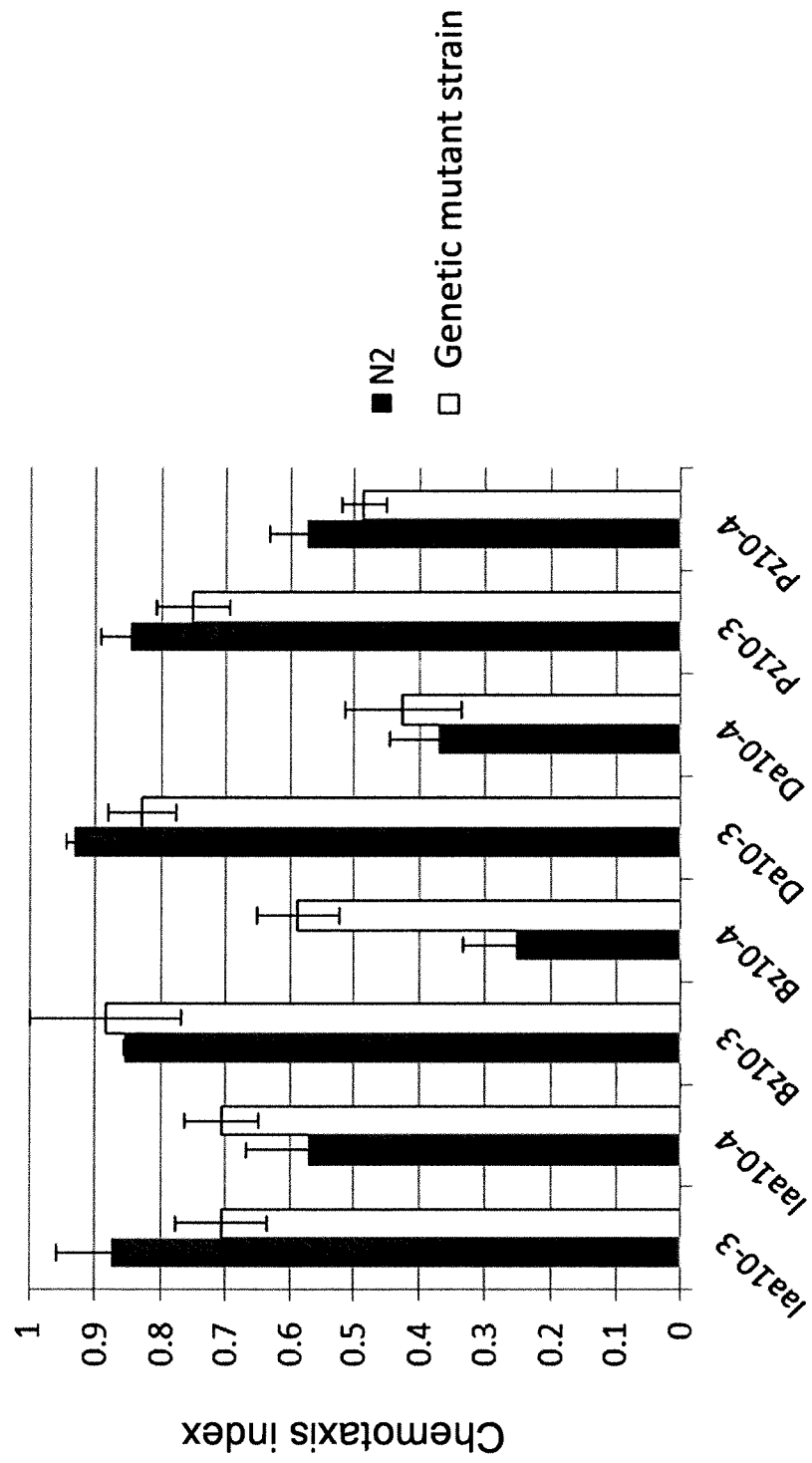


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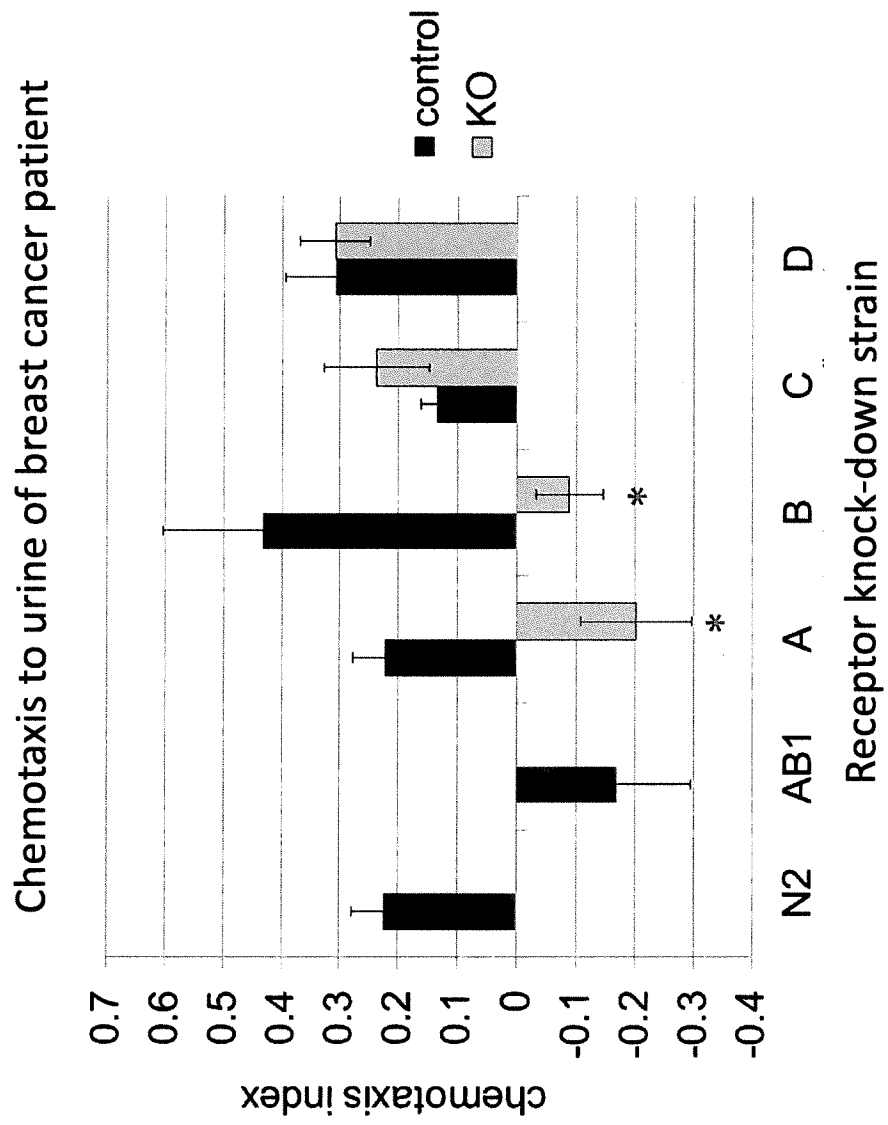


Figure 37

Method of examining type of cancer

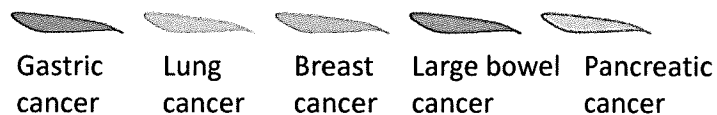
As a result of the studies regarding cancer detection dogs, it is suggested that an odorant and/or a receptor would be different depending on the type of cancer.



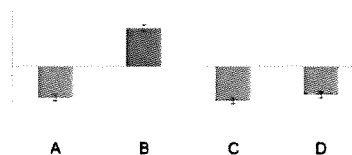
Identification of a receptor for each type of cancer, using nematodes



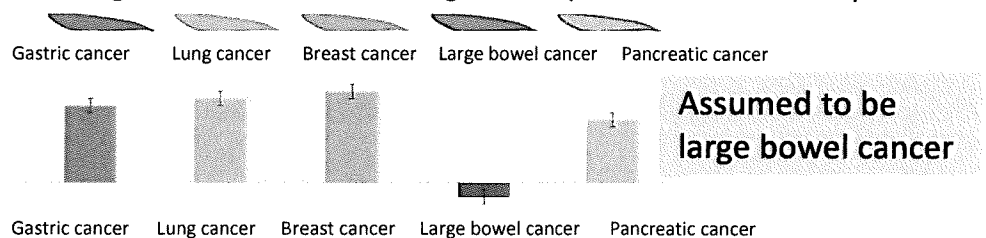
Production of a nematode strain which deletes the receptor
(CRISPR/Cas9 genome editing technique)



i) The presence or absence of all cancers is examined using wild-type nematodes.



ii) Analysis is carried out using nematode strains deleting the receptor for each cancer species.



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