

Dominique Dambier, Pascal Barantin, Gabriel Boulard, Gilles Costantino, Pierre Mournet, Aude Perdereau, Raphaël Morillon and Patrick Ollitrault. Genomic instability in somatic hybridization of Poncirus and Citrus species aiming to create new rootstocks. Agriculture.

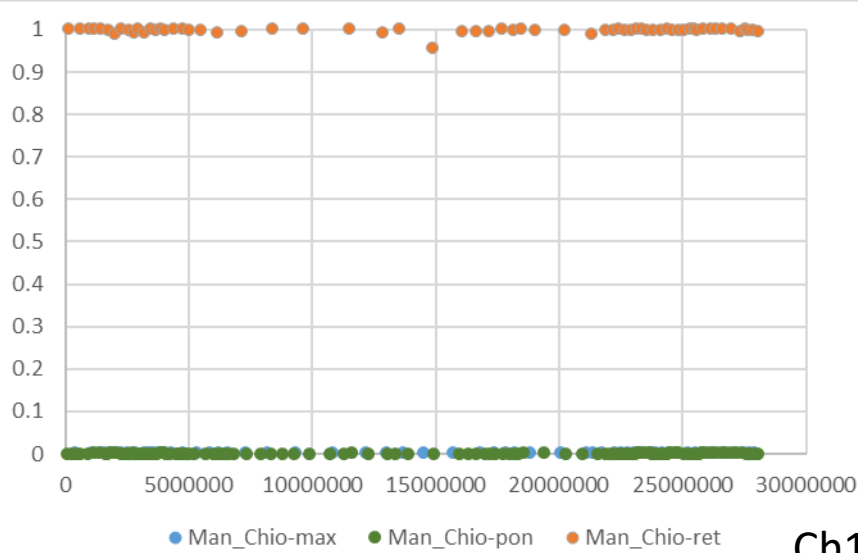
Supplementary figure S1: Evolution of ancestor read frequencies along the nine chromosome for the 5 cybrids, the 15 somatic hybrids and their parents.

For all figures:

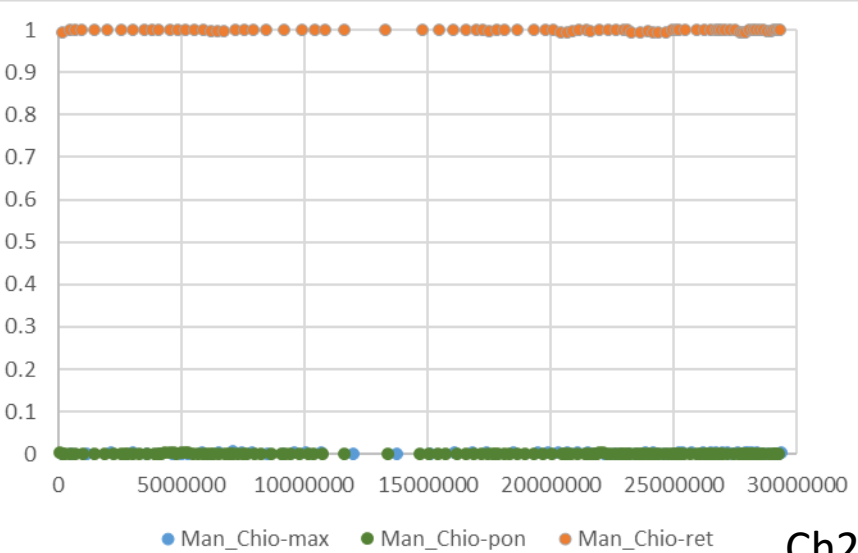
Each dot is the average of ancestral read frequencies for 45 successive DSNPs of the considered ancestor with sliding windows every 15 DSNPs. For each window, the considered genomic position is the average of the position of the considered DSNPs.

Green dots: *P. trifoliata*; orange dots: *C. reticulata*; blue dots: *C. maxima*.

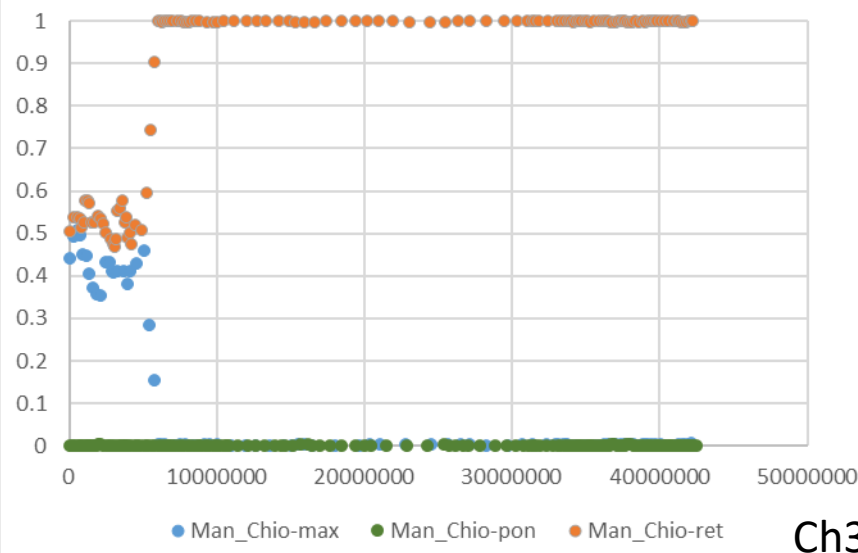
The x axe is the position in the considered chromosome in bp.



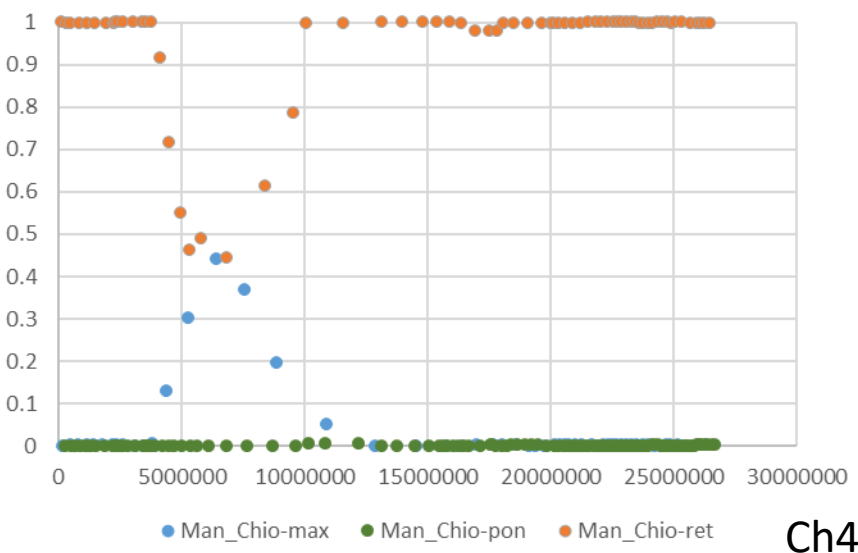
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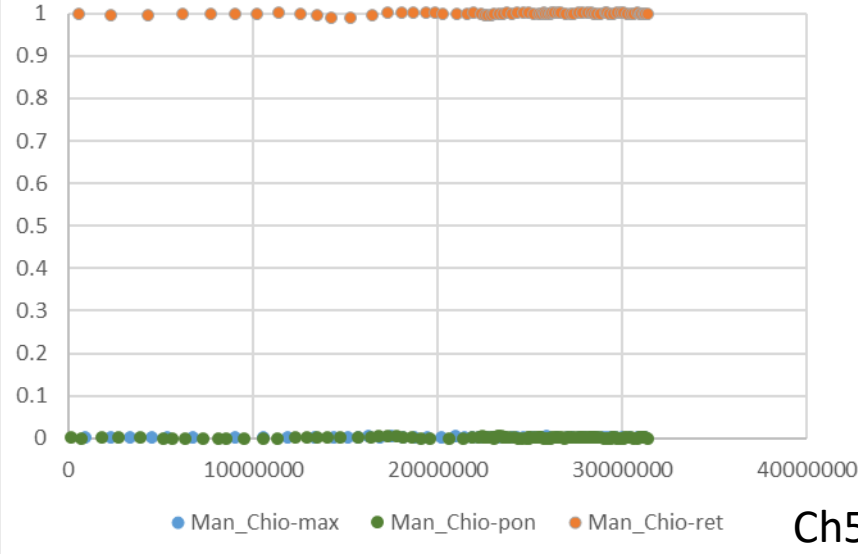
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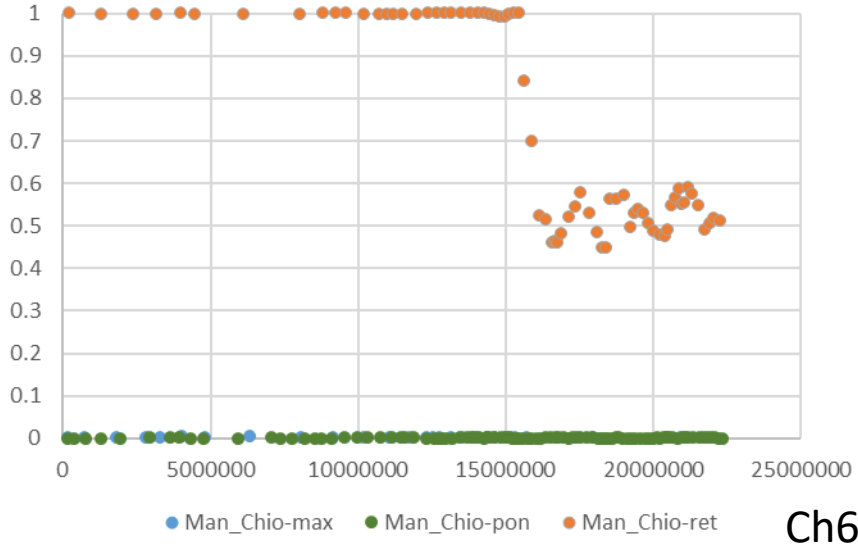
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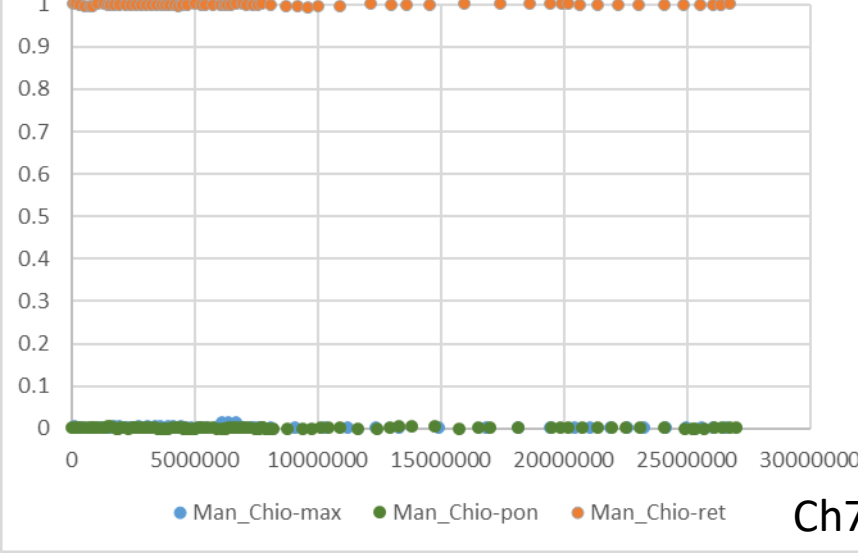
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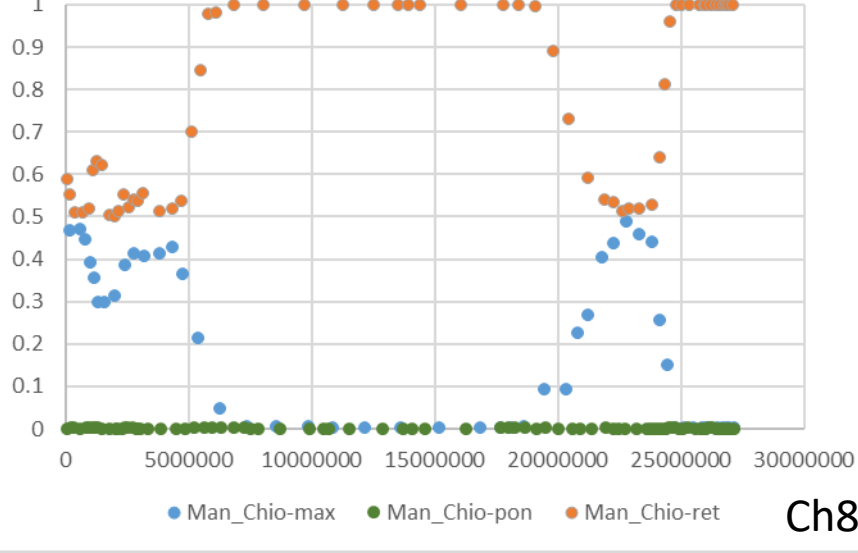
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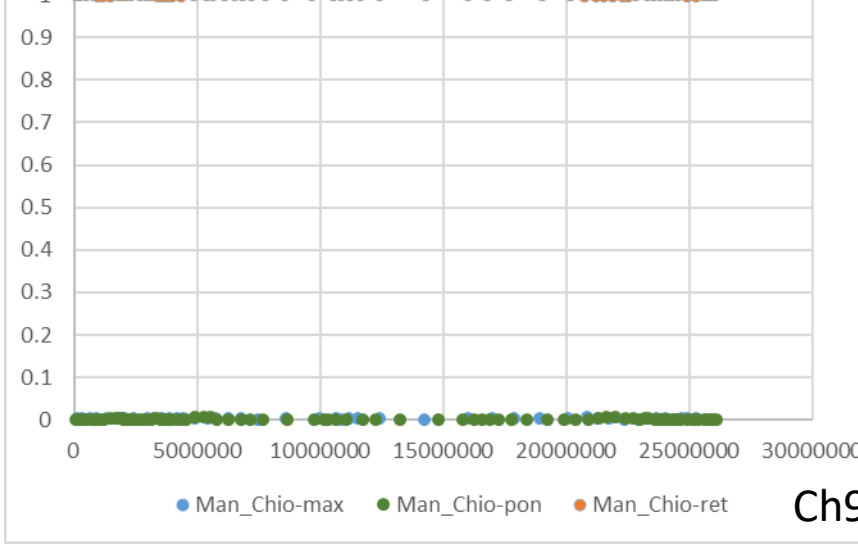
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Ch7

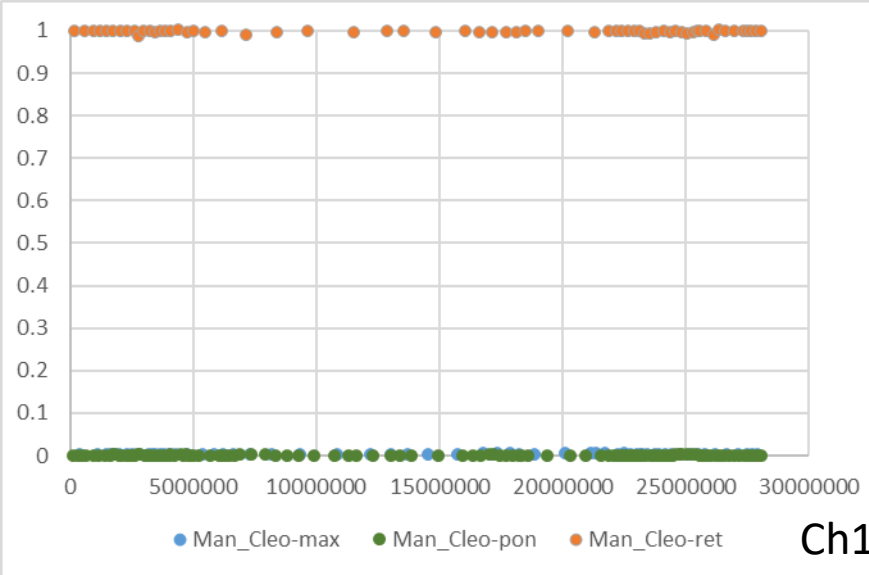


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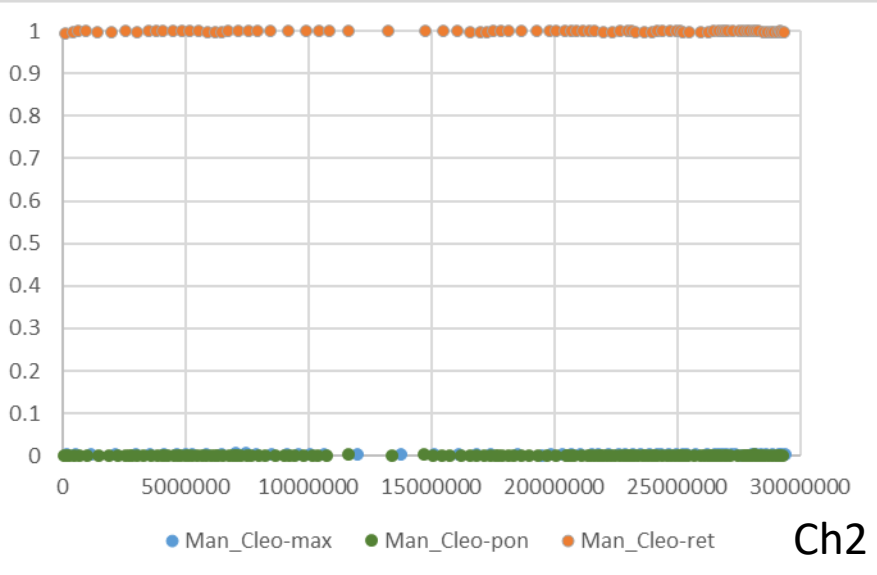


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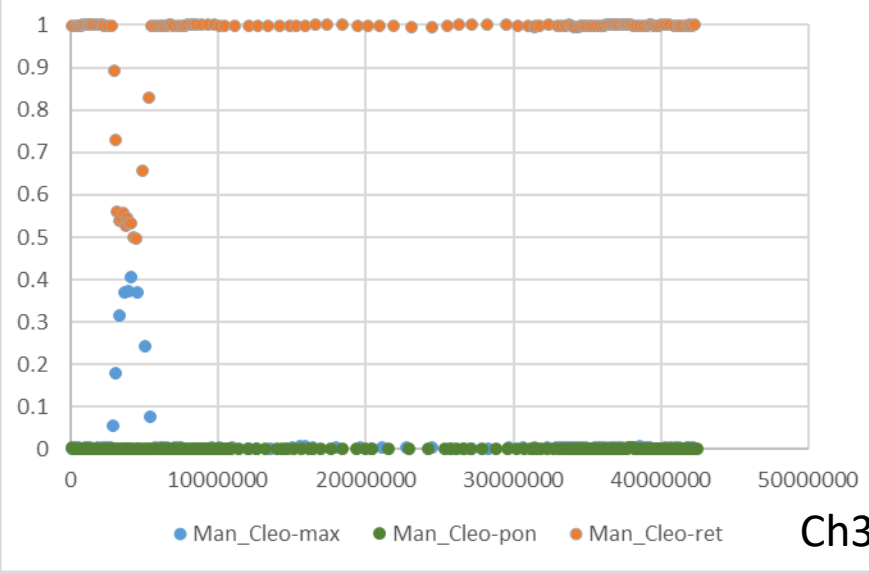
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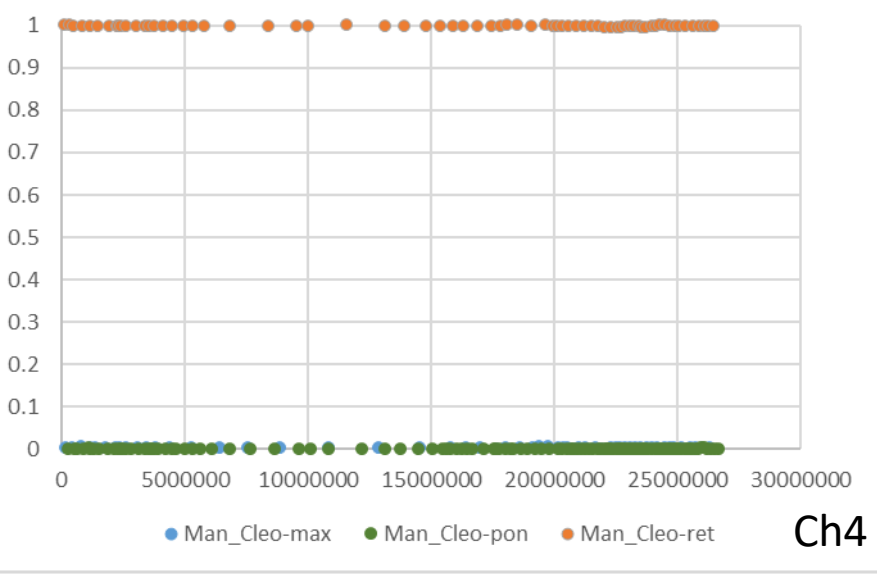
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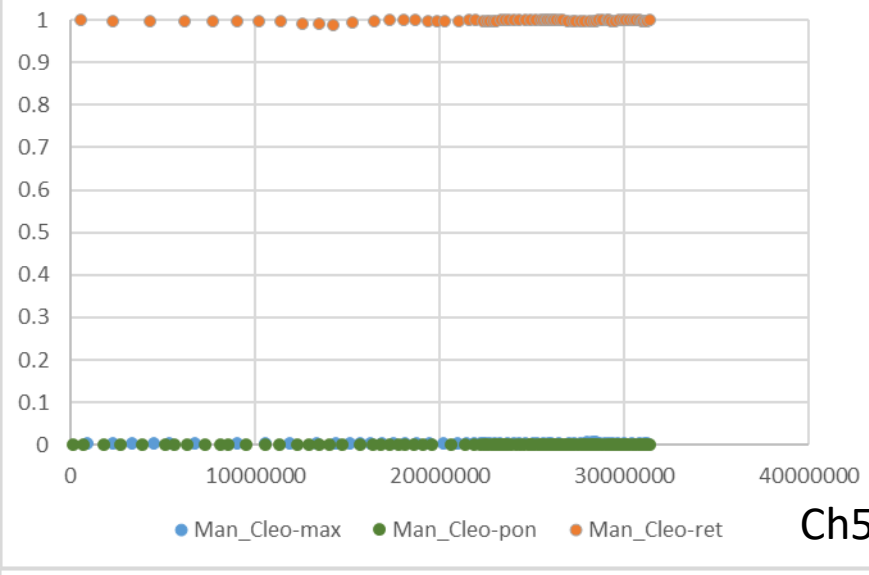
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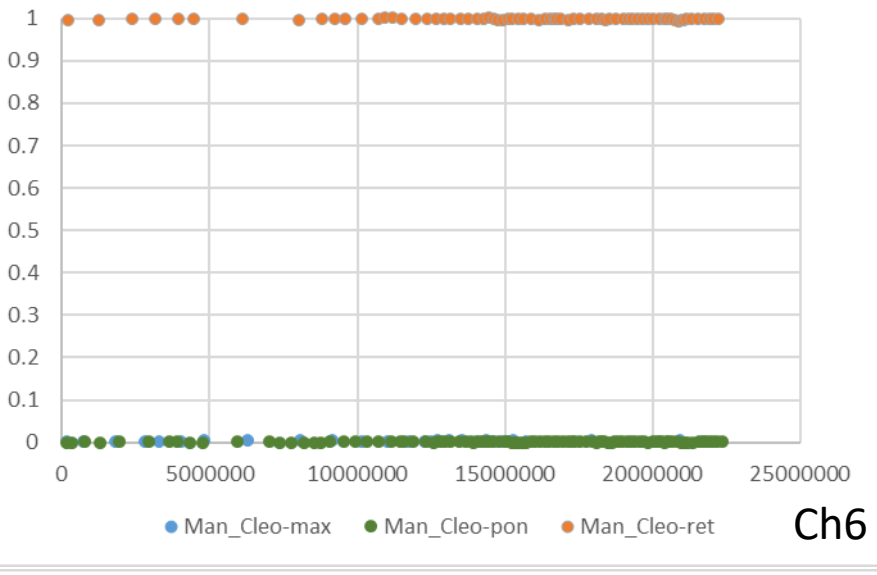
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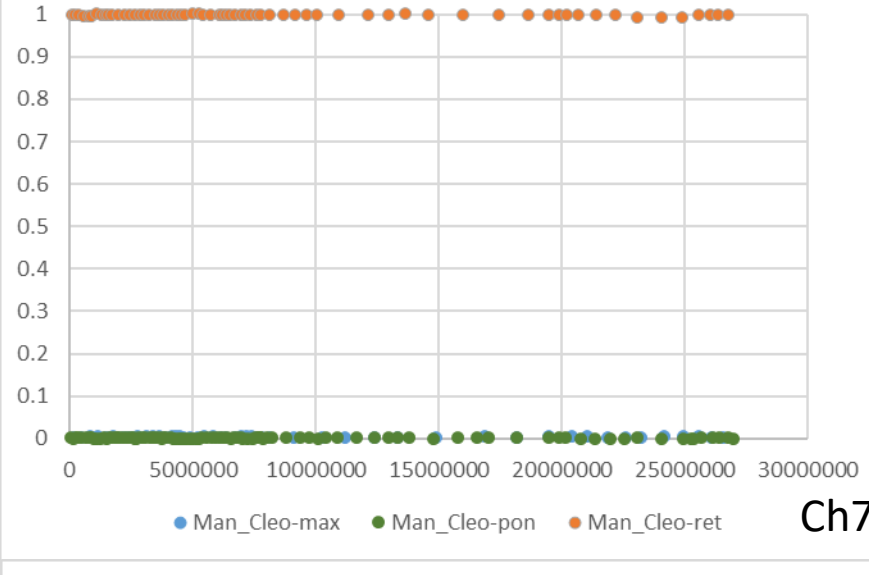
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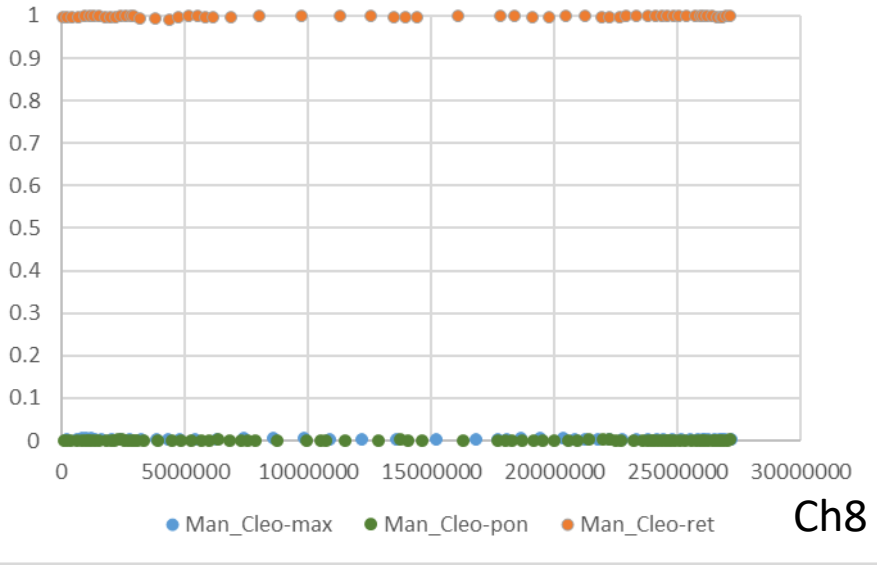
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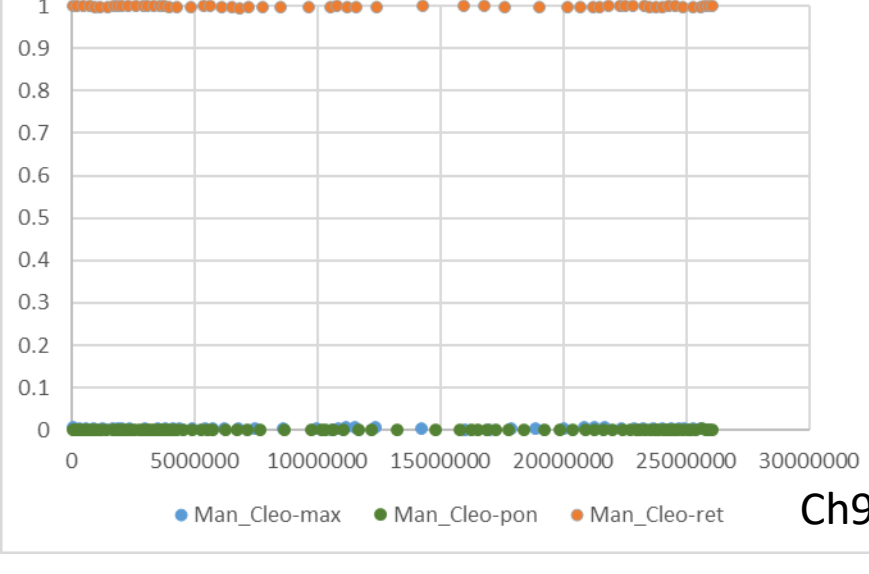
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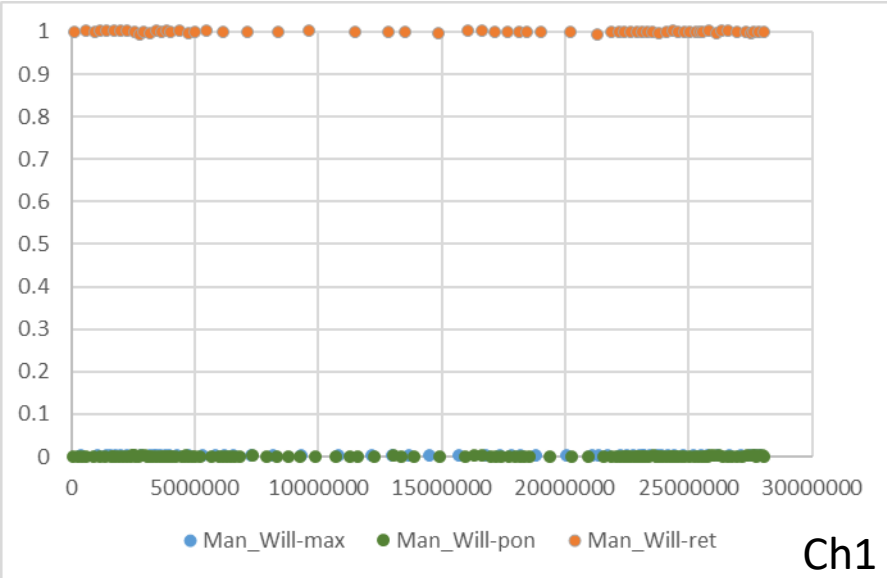


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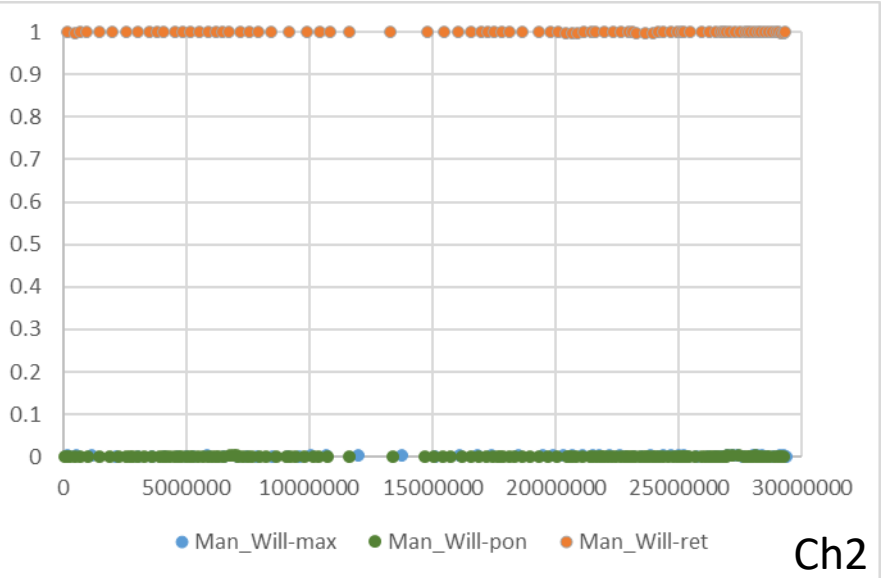


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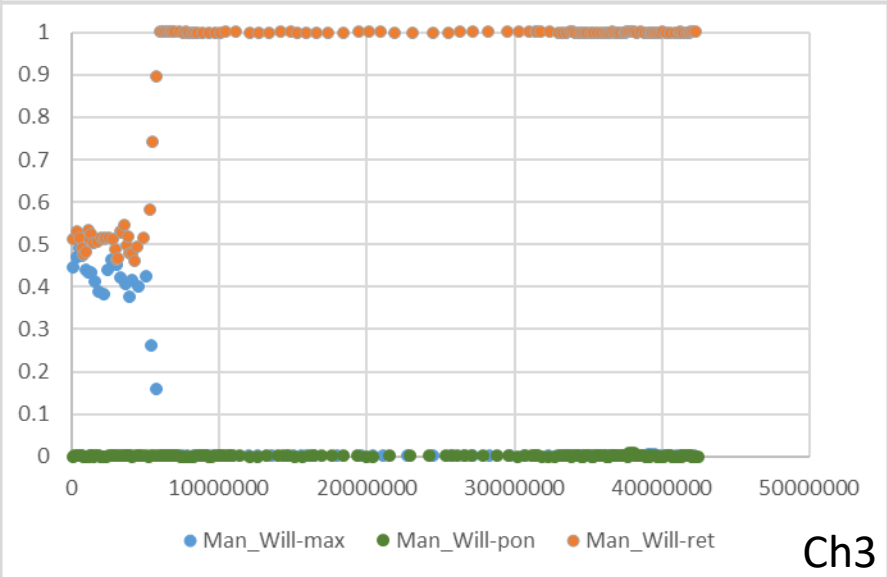
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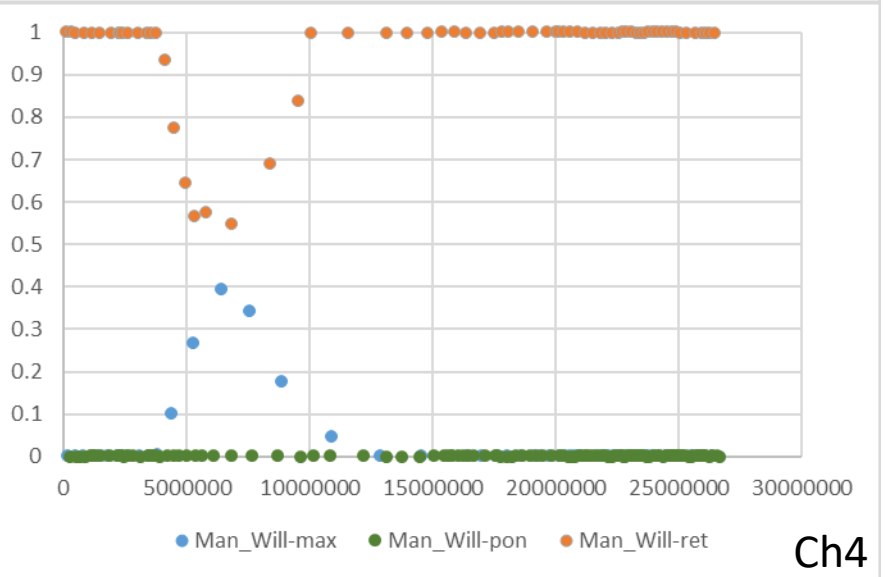
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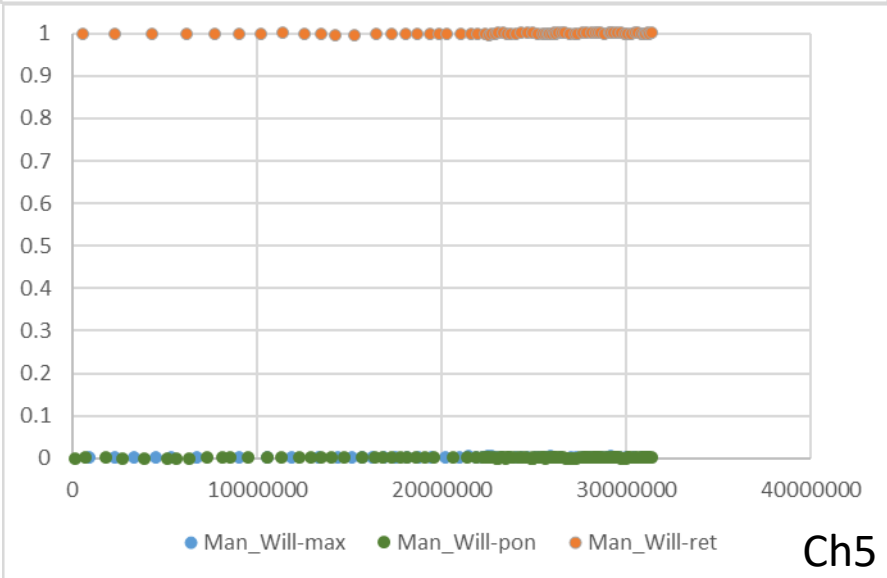
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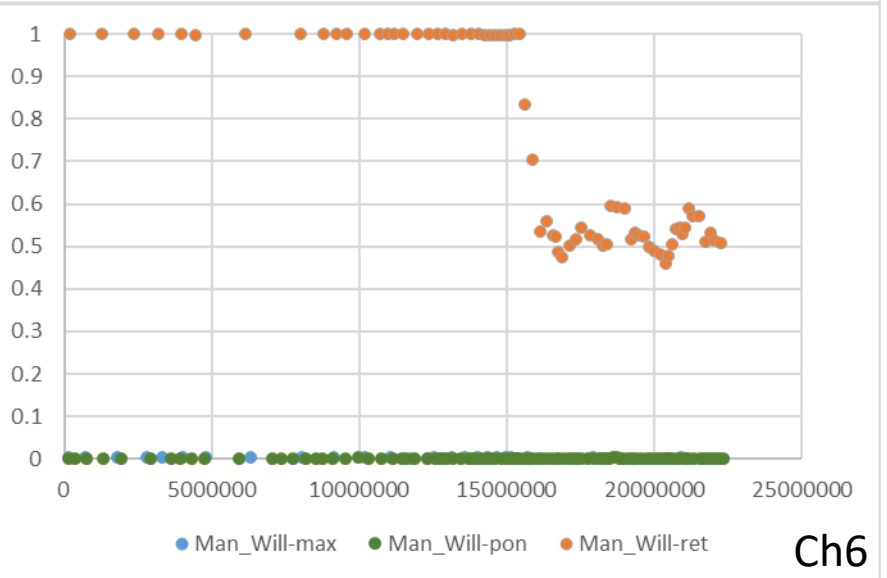
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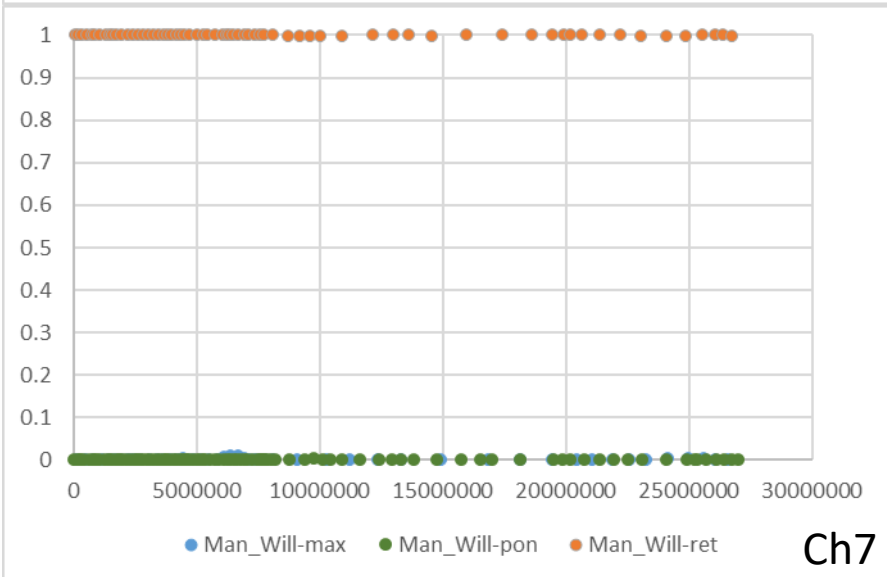
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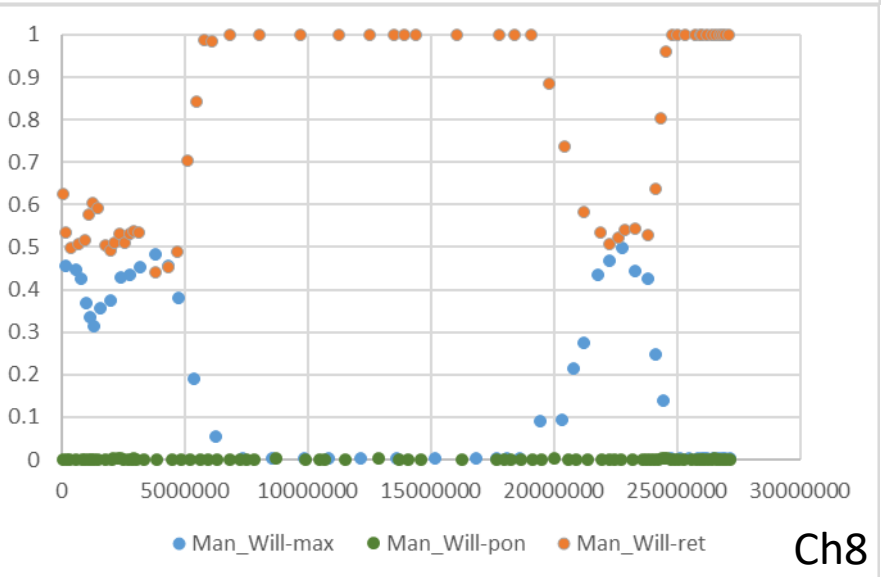
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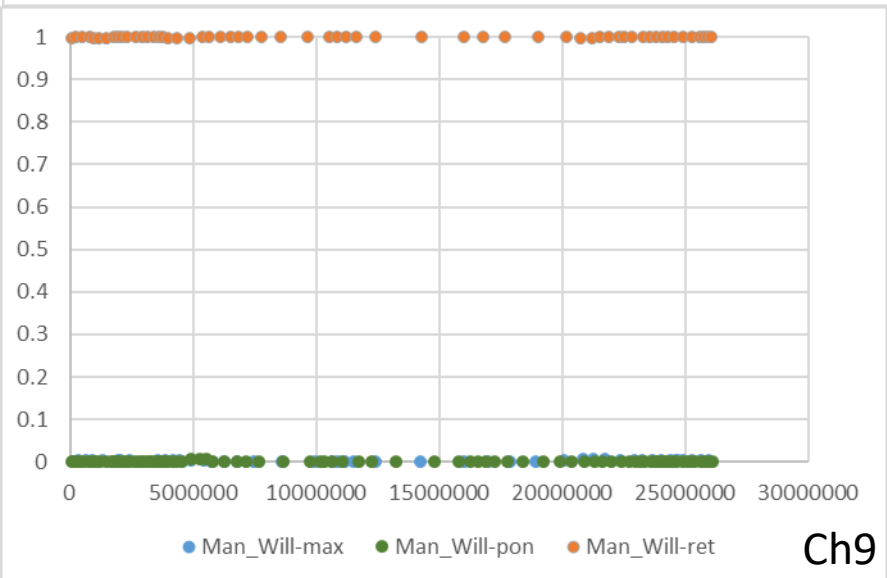
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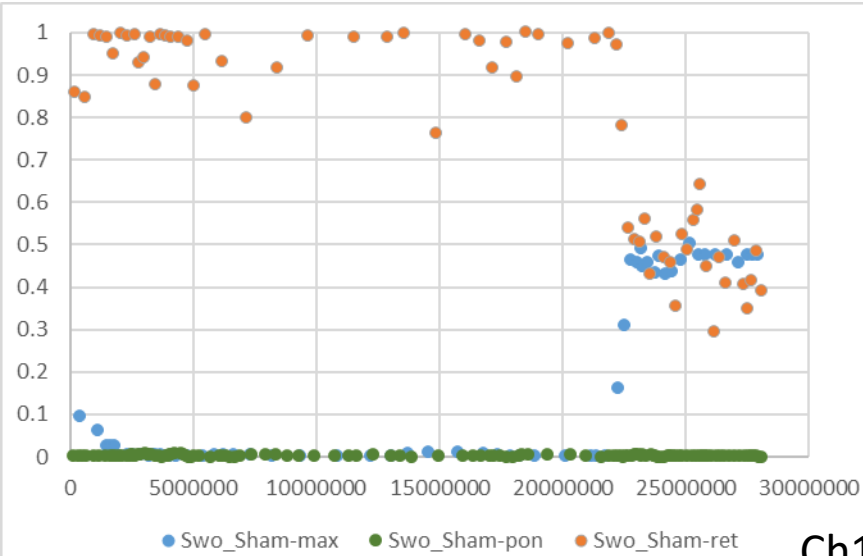


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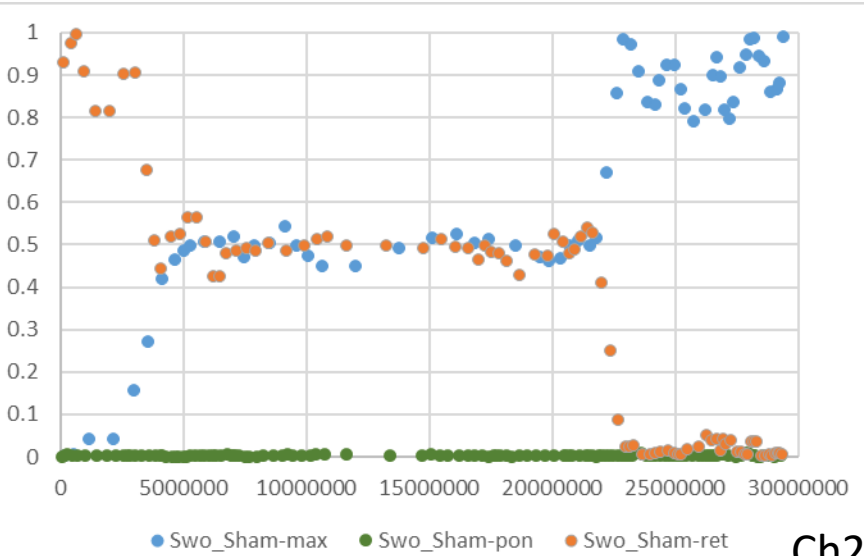


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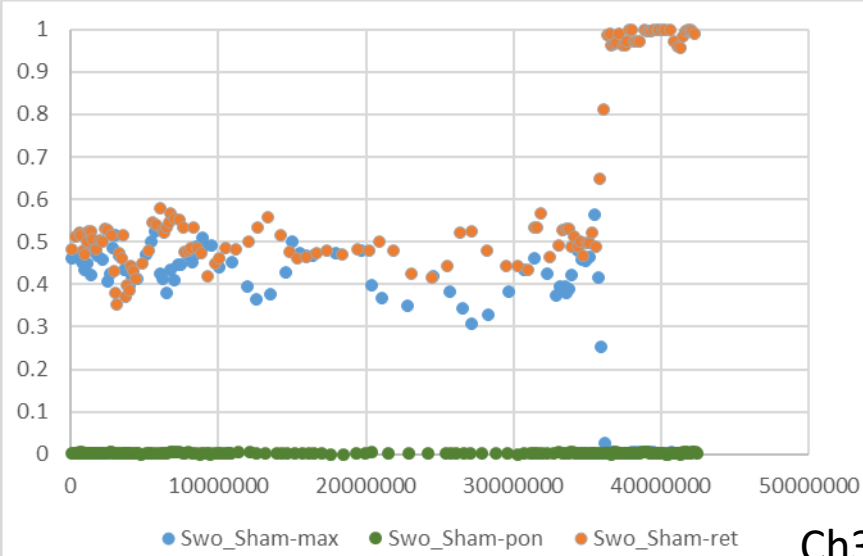
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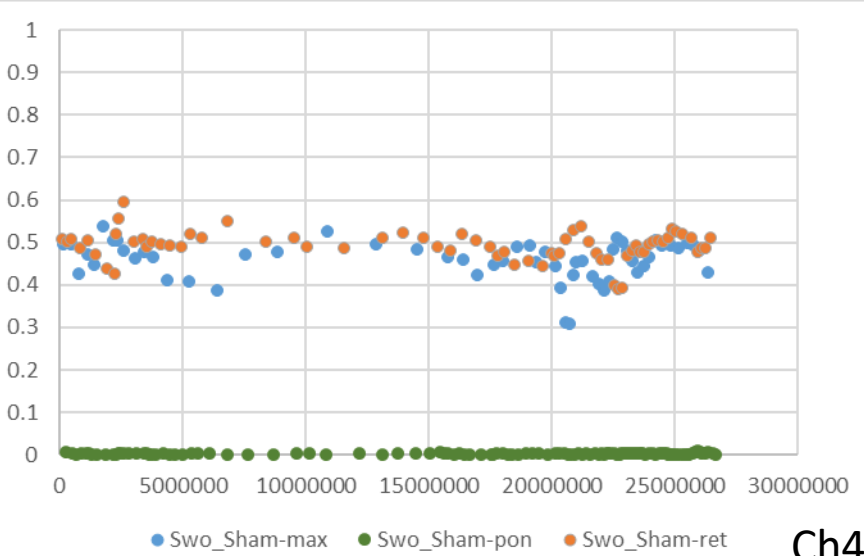
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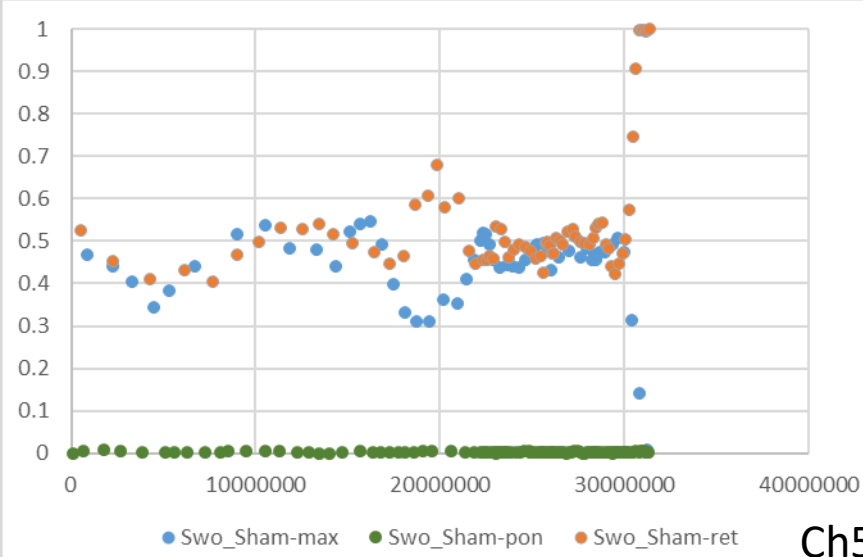
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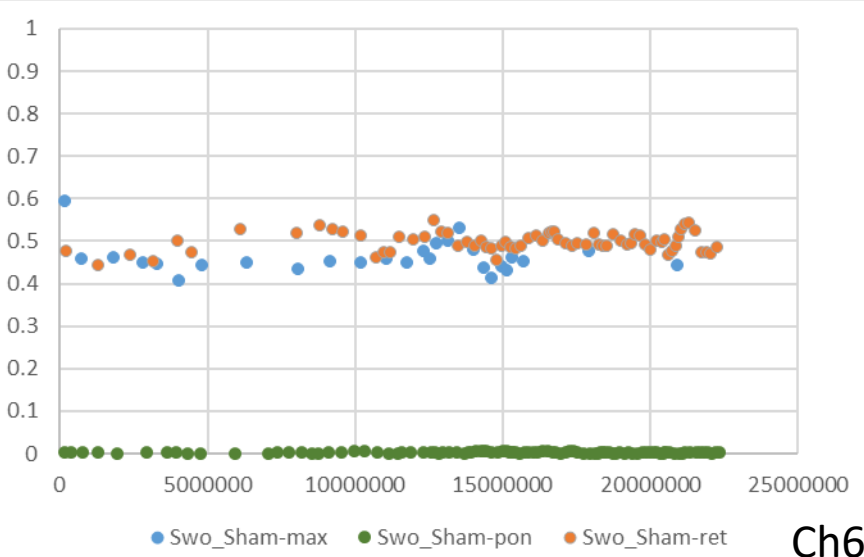
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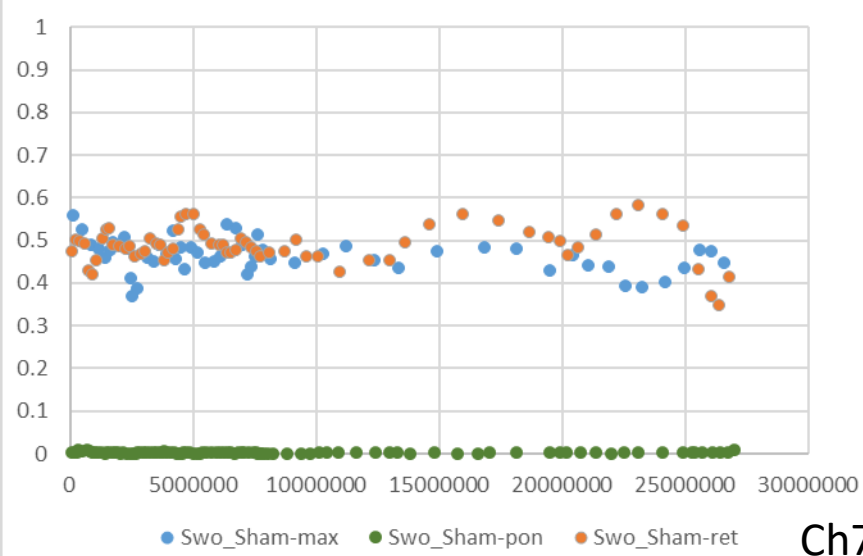
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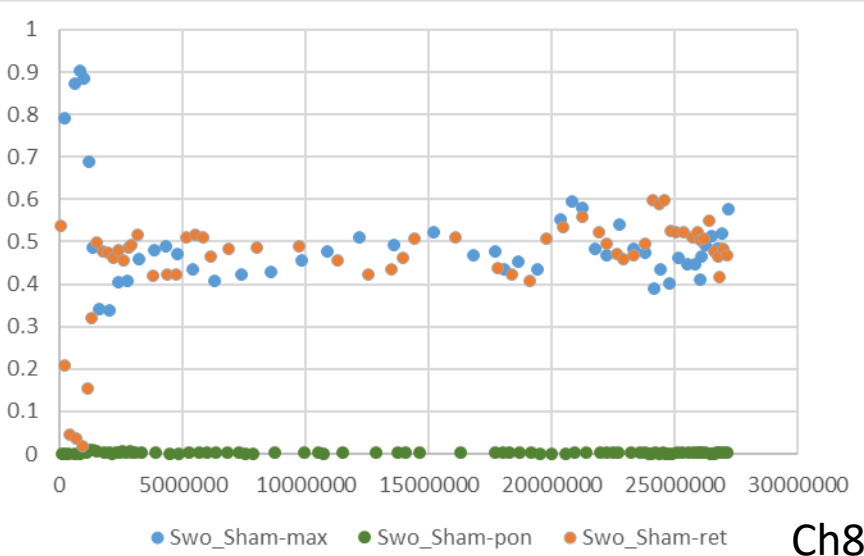
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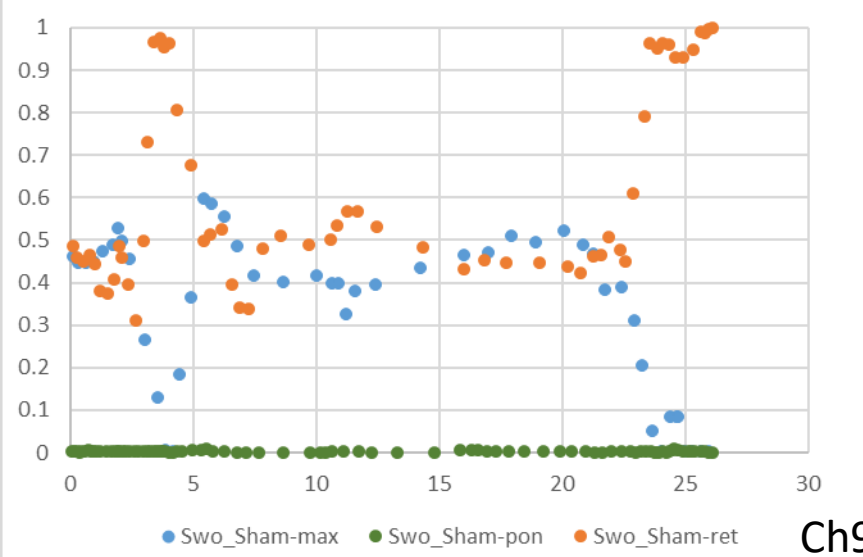
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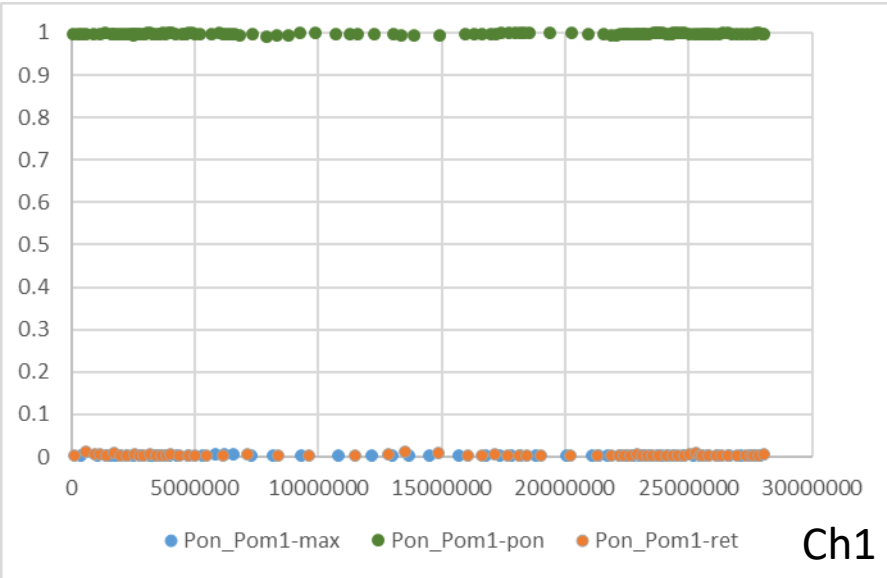


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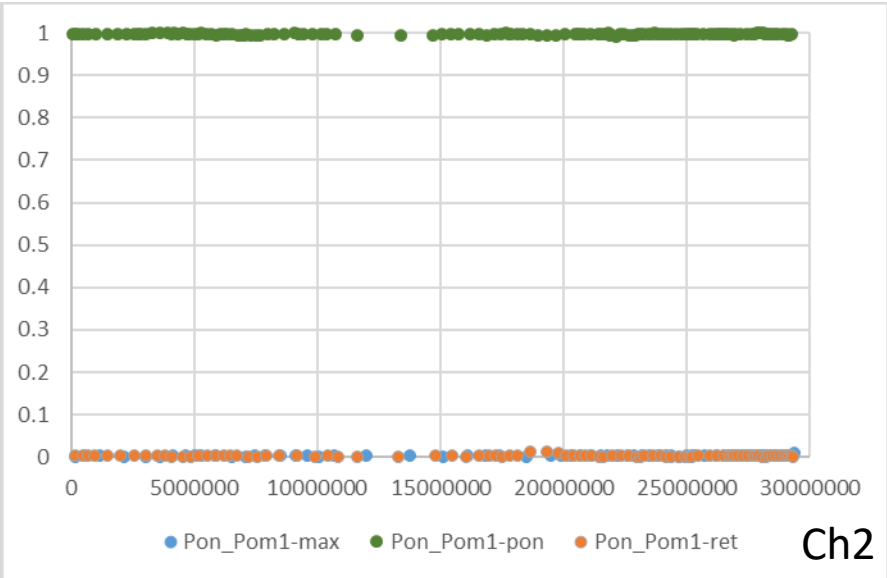


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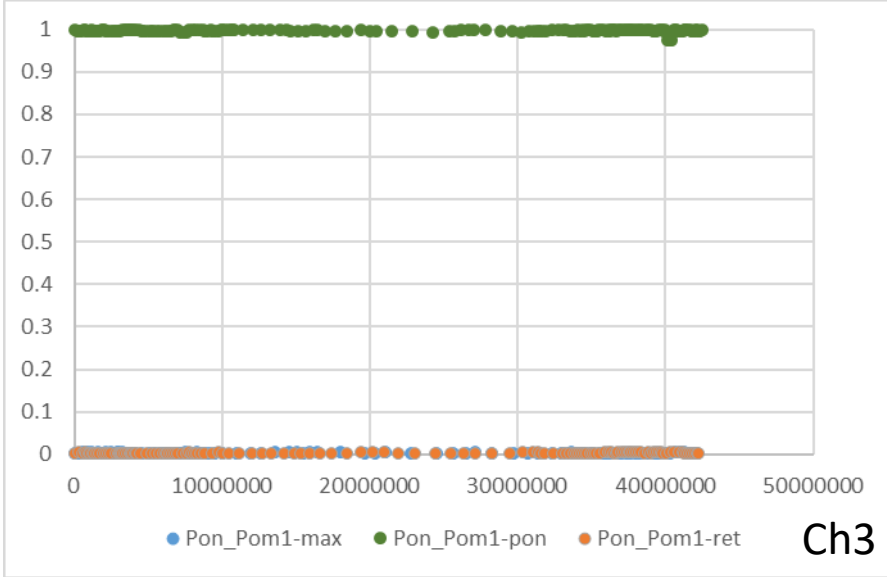
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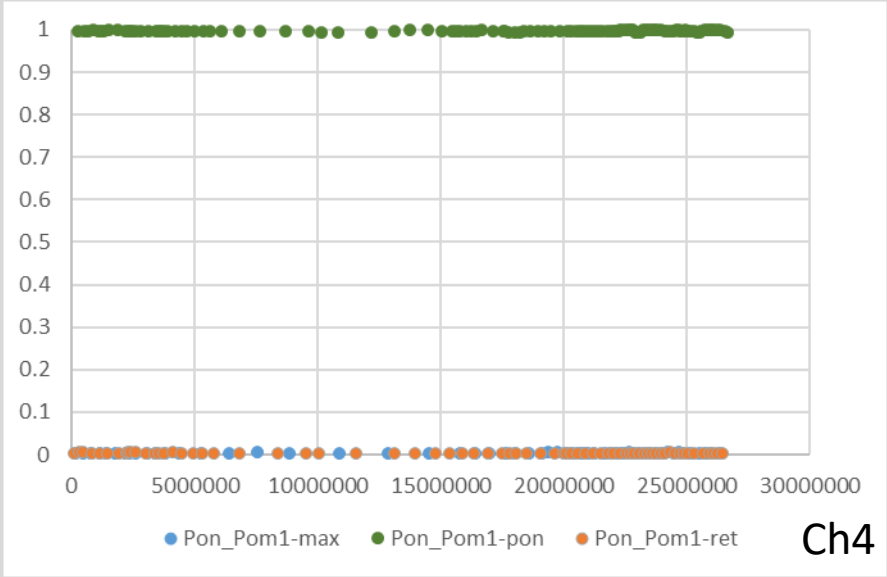
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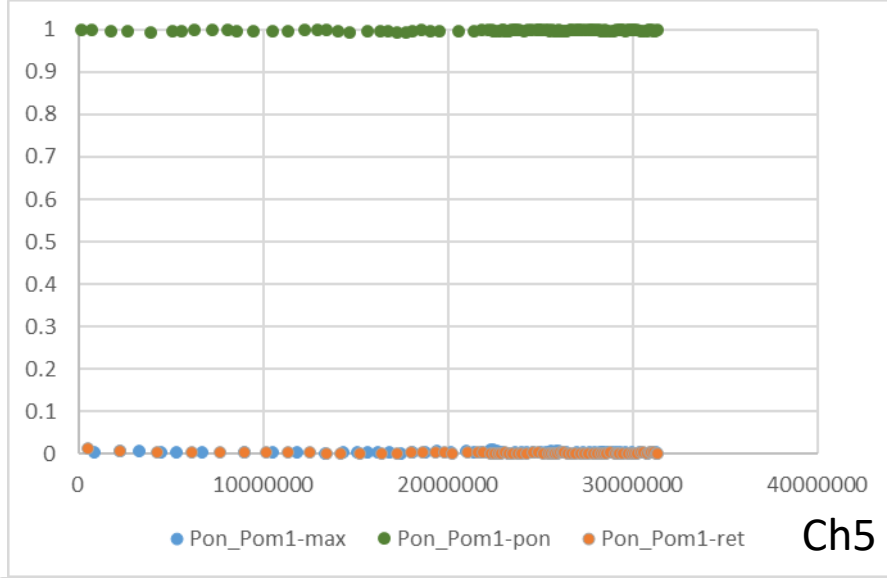
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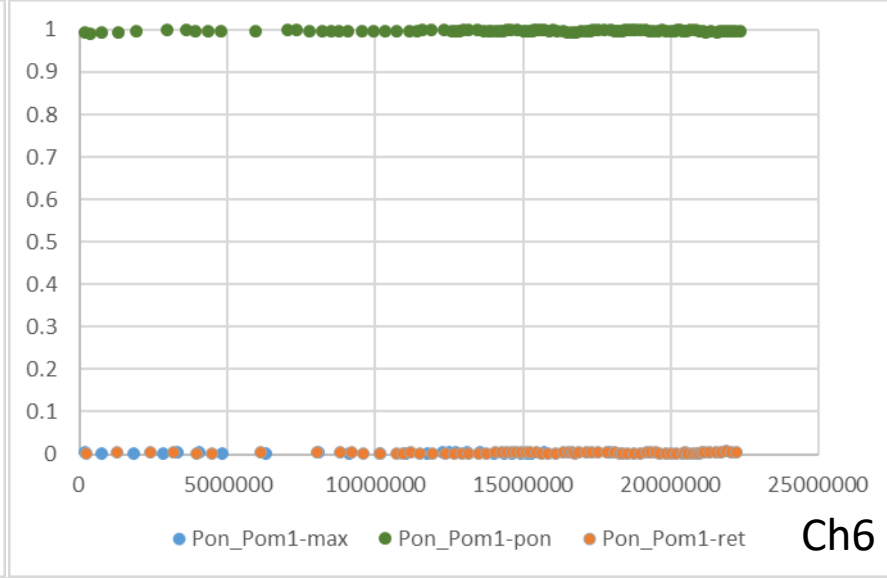
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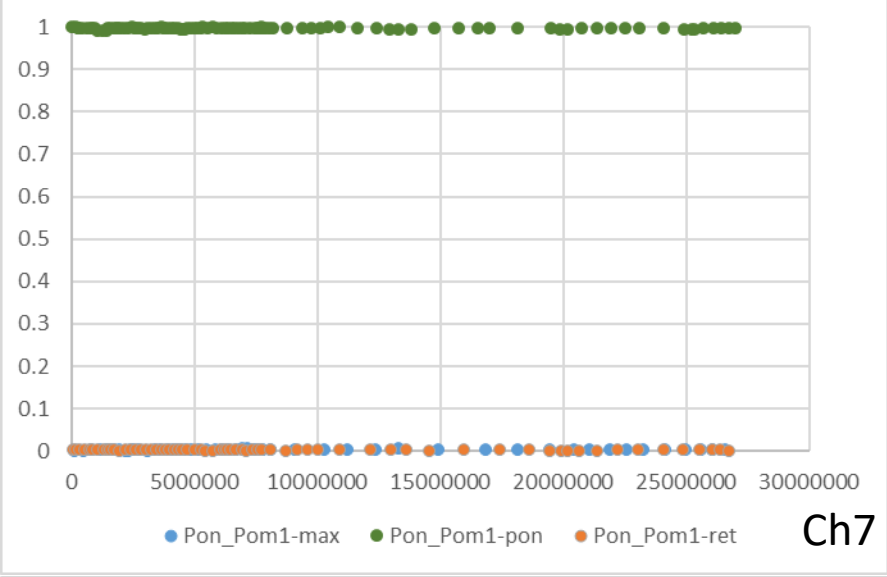
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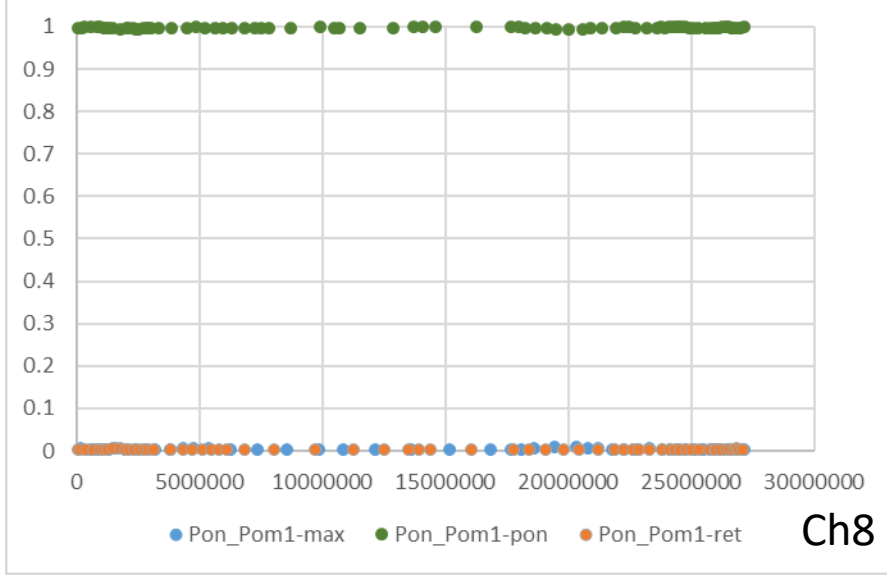
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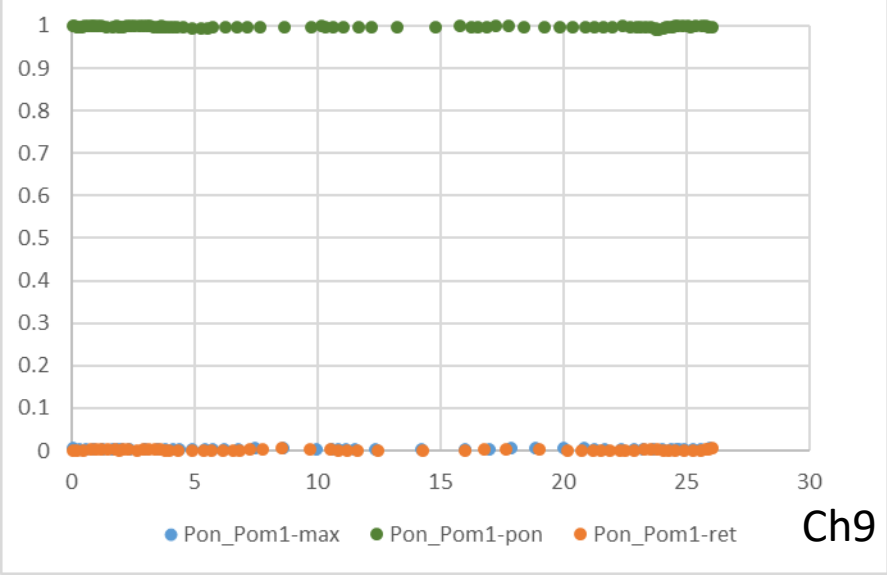
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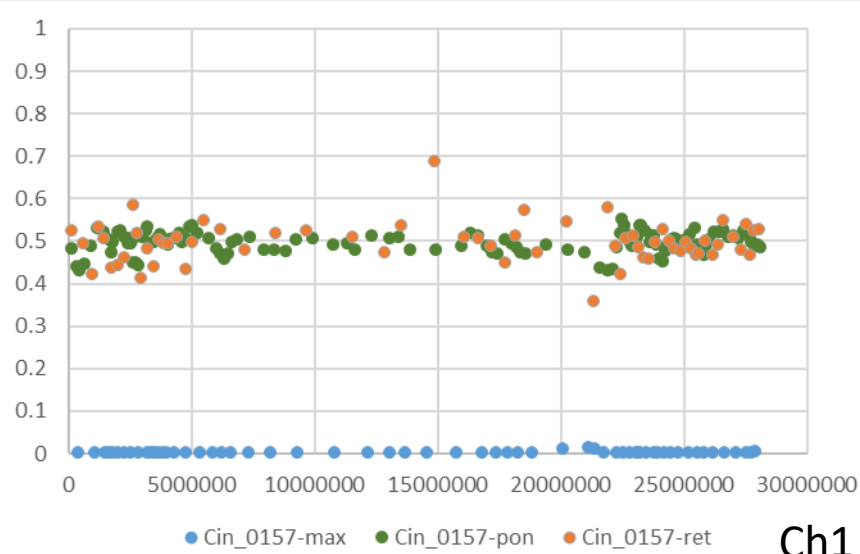


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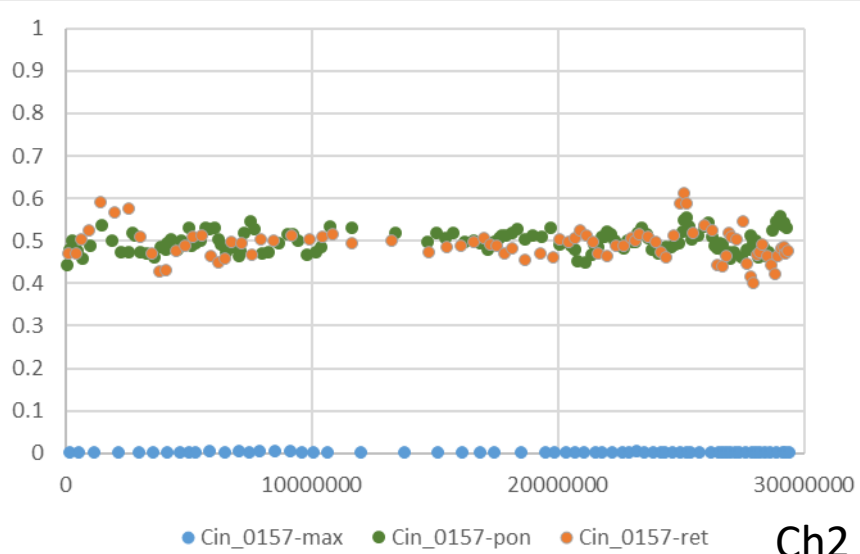


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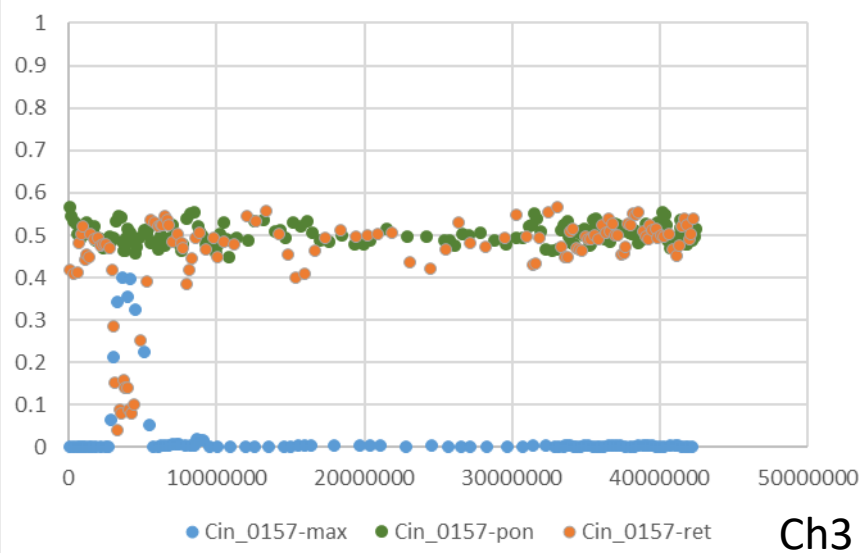
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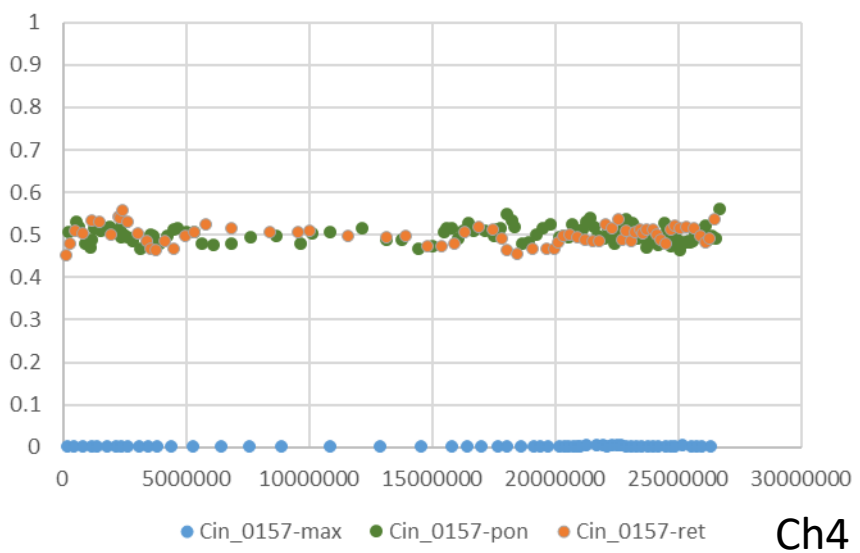
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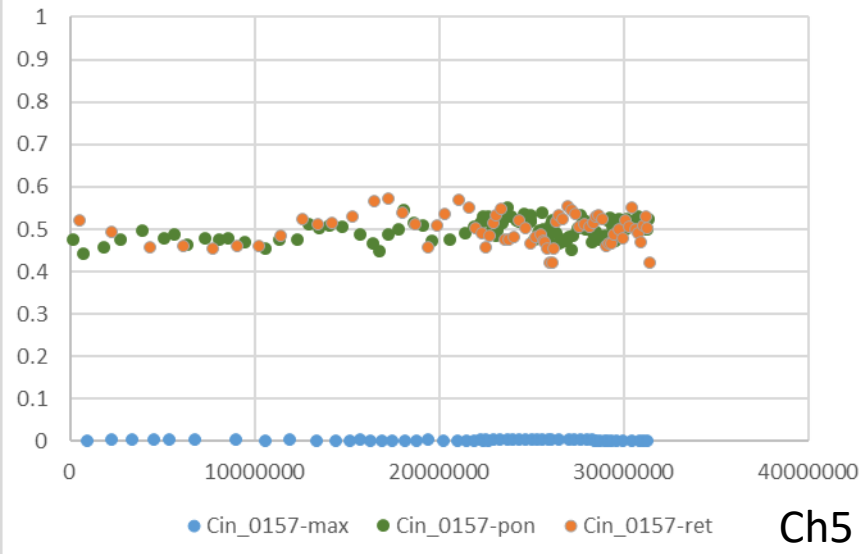
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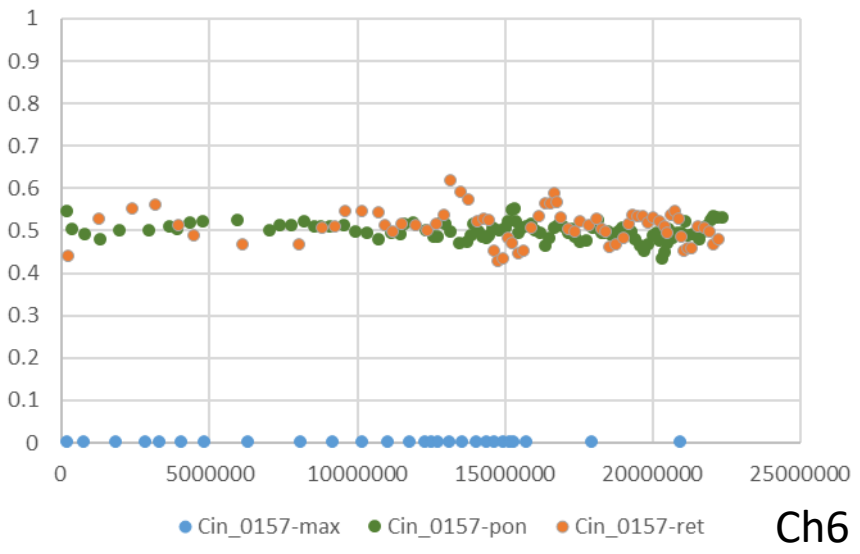
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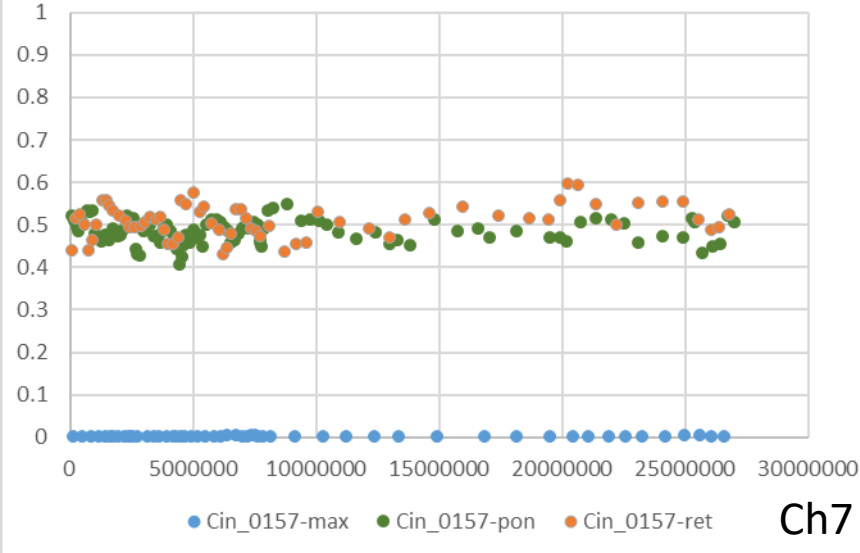
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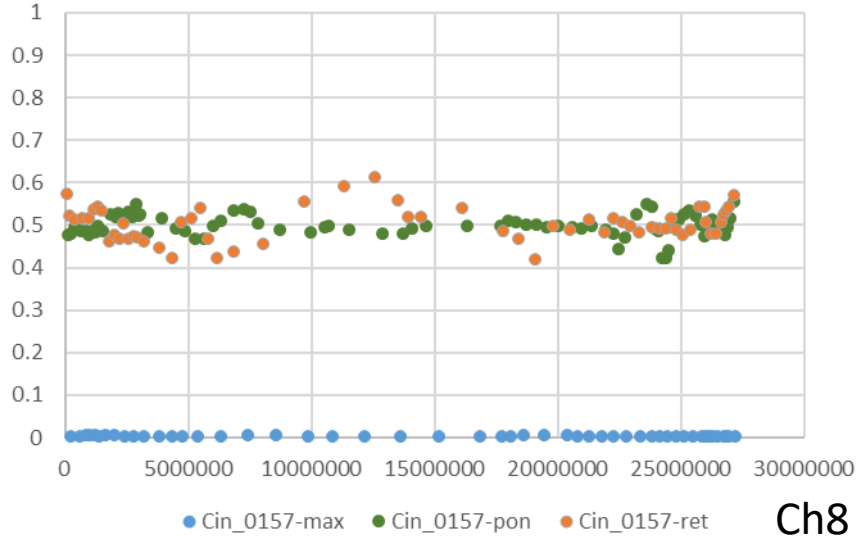
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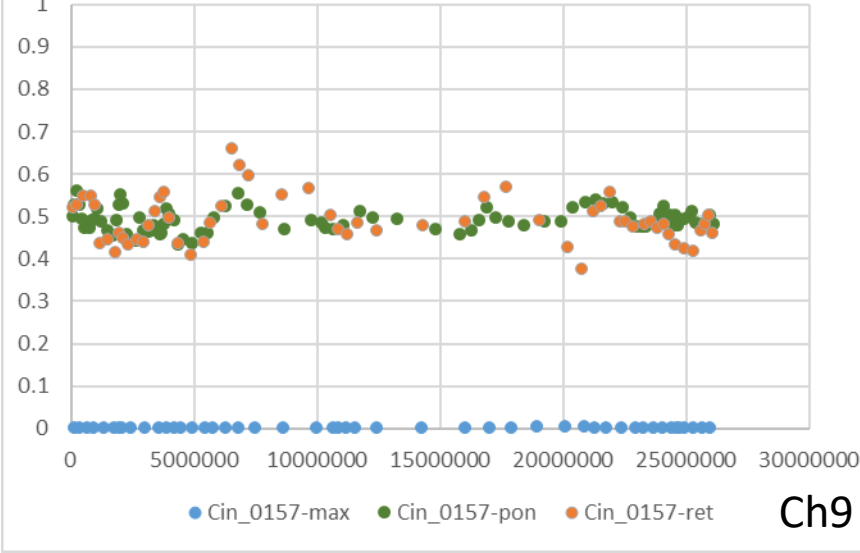
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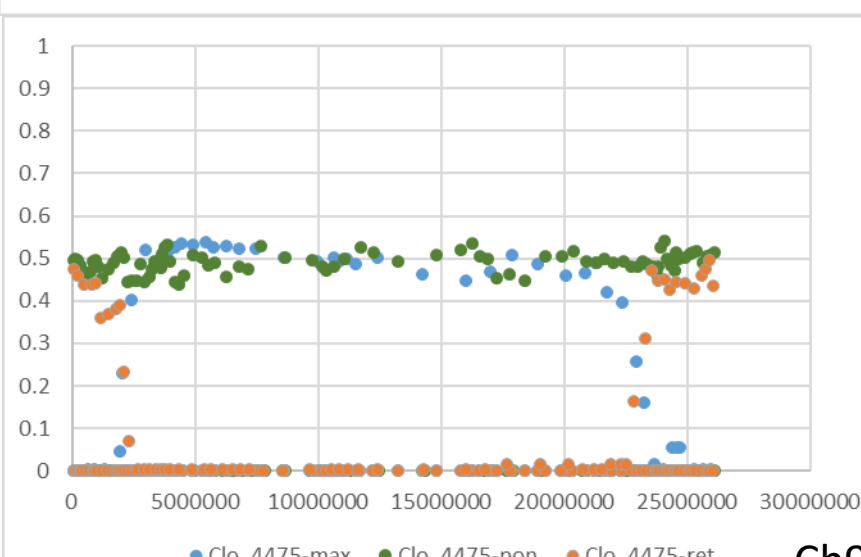
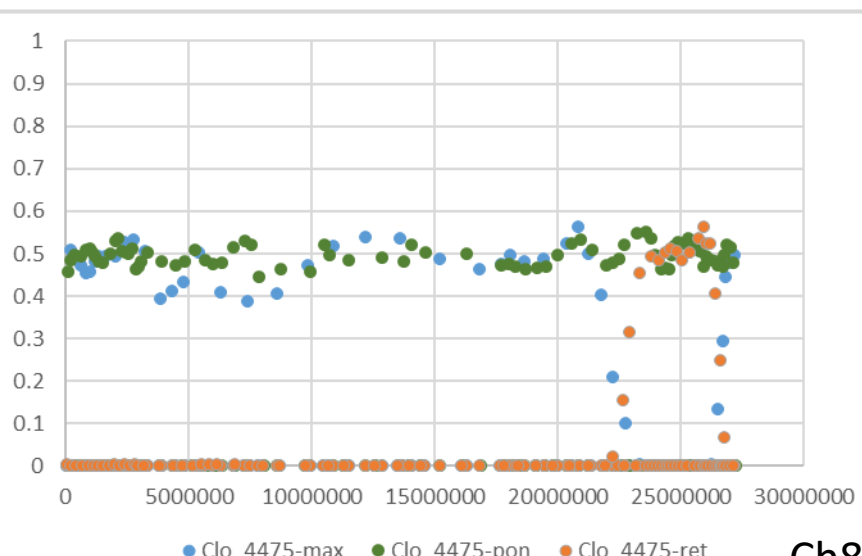
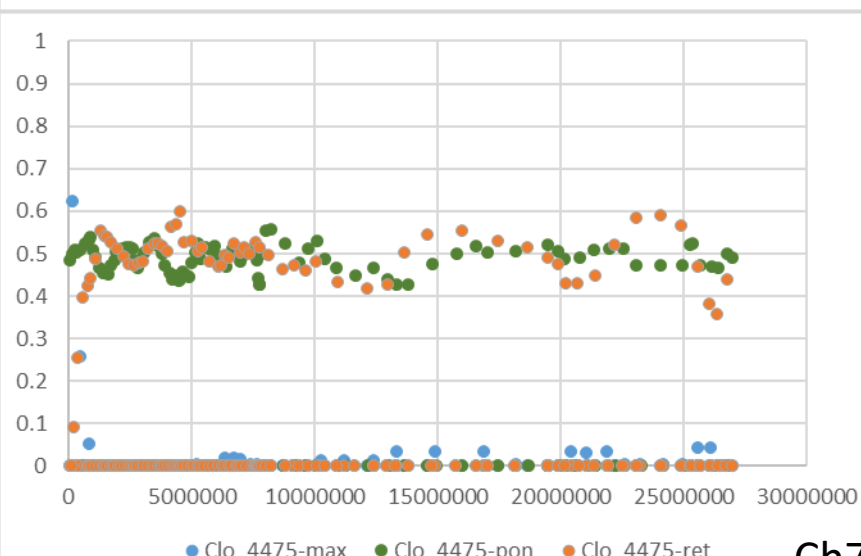
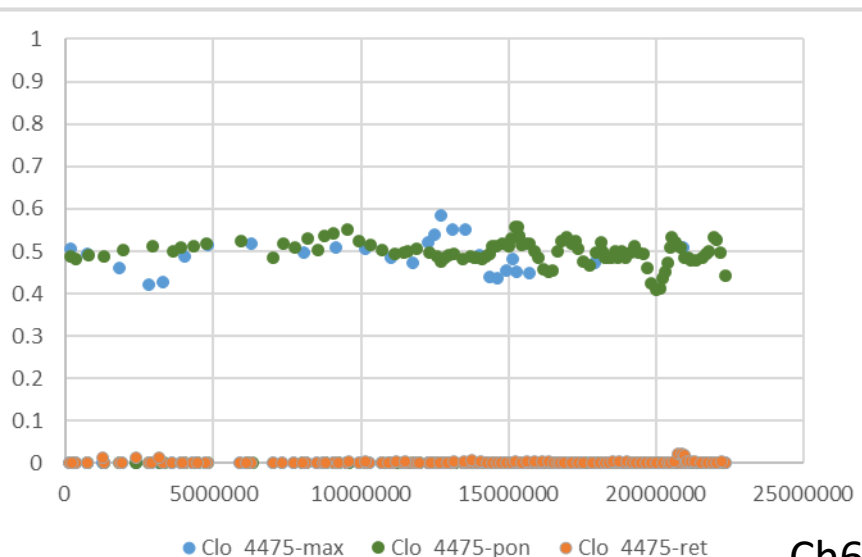
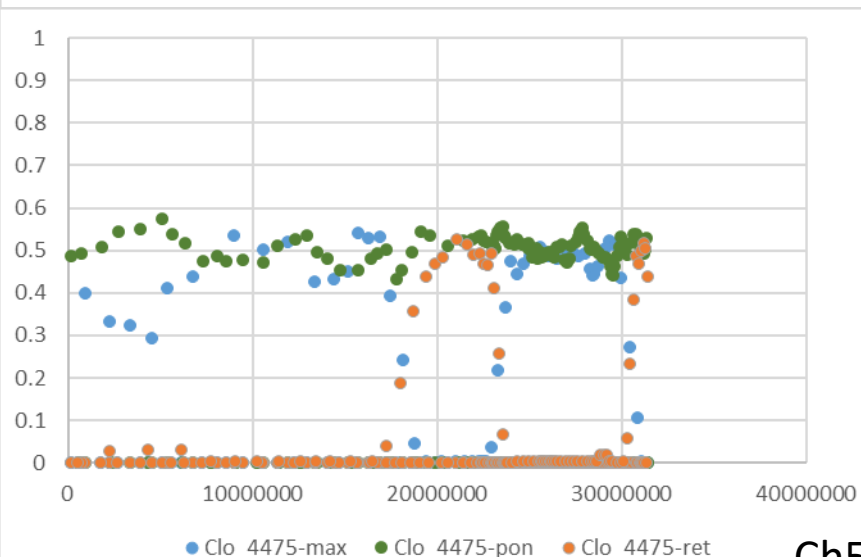
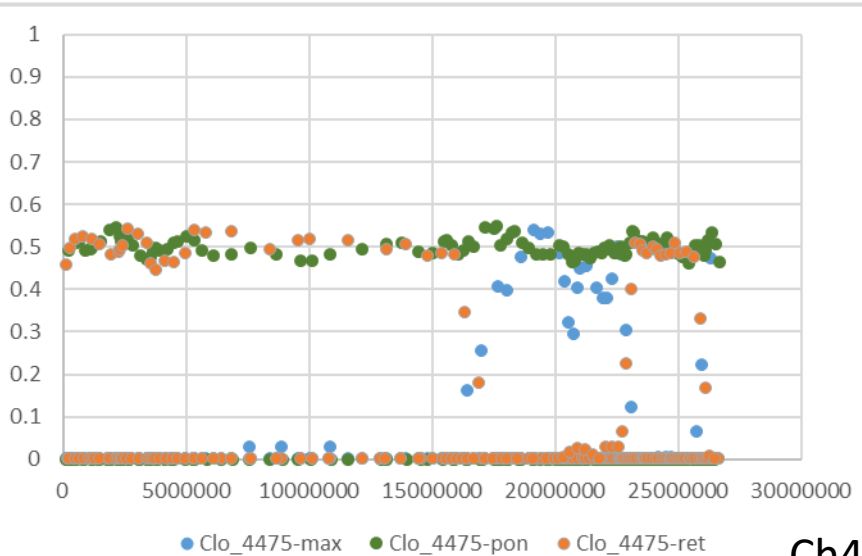
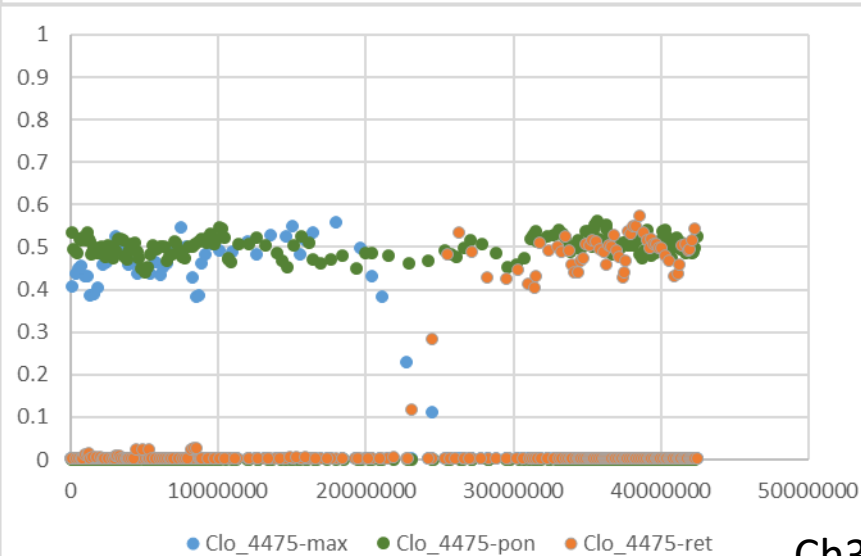
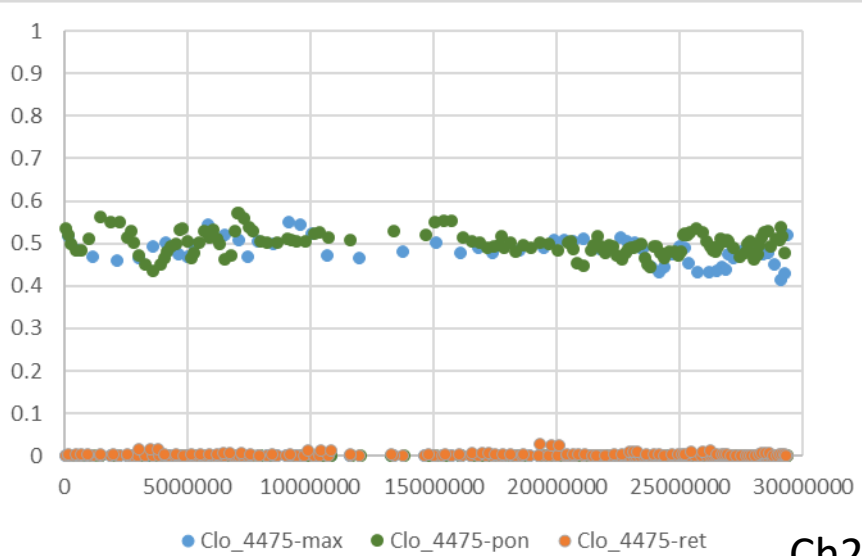
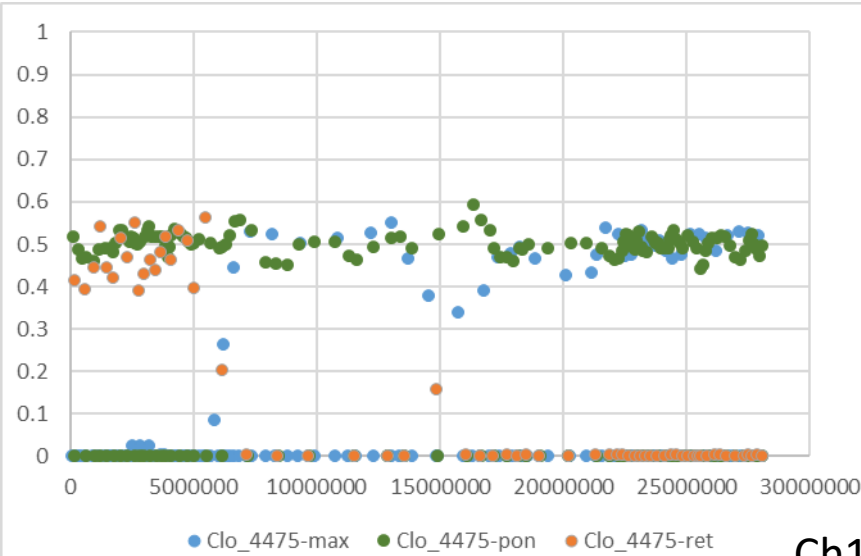


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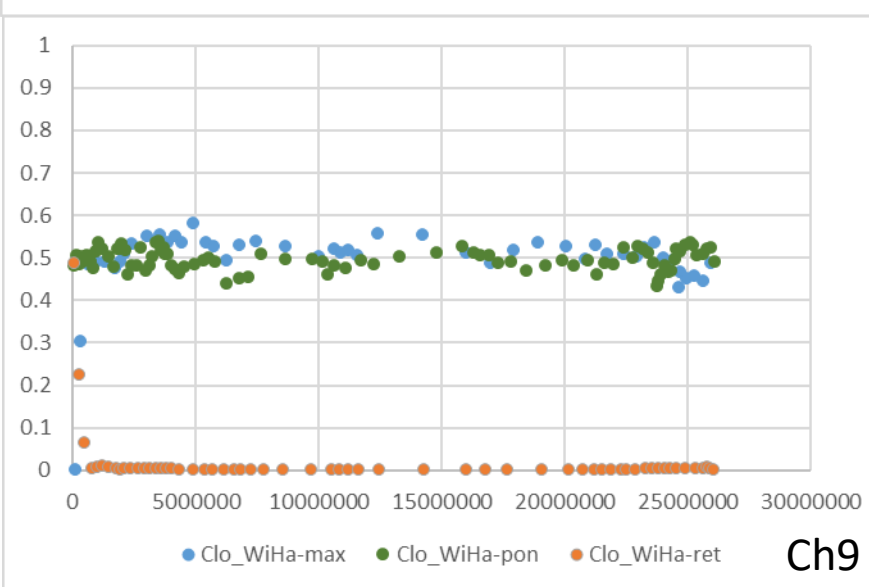
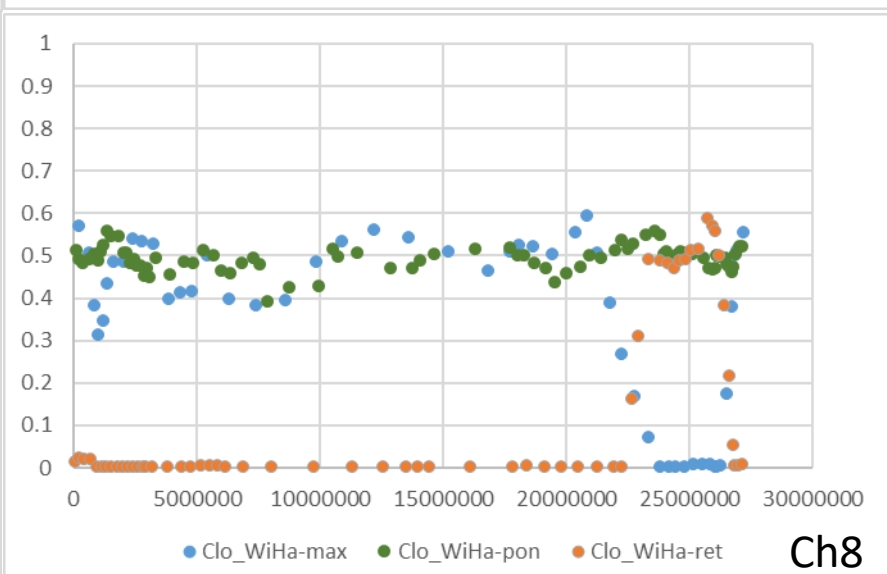
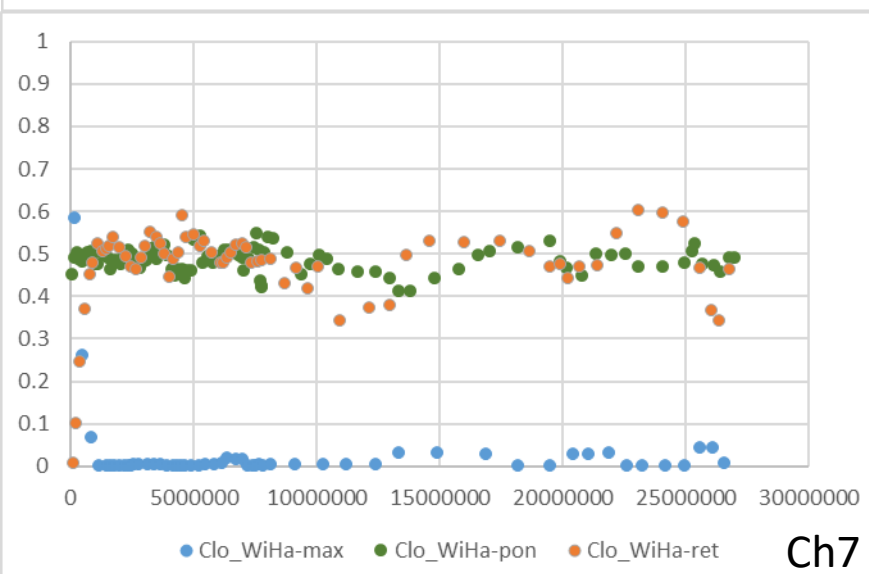
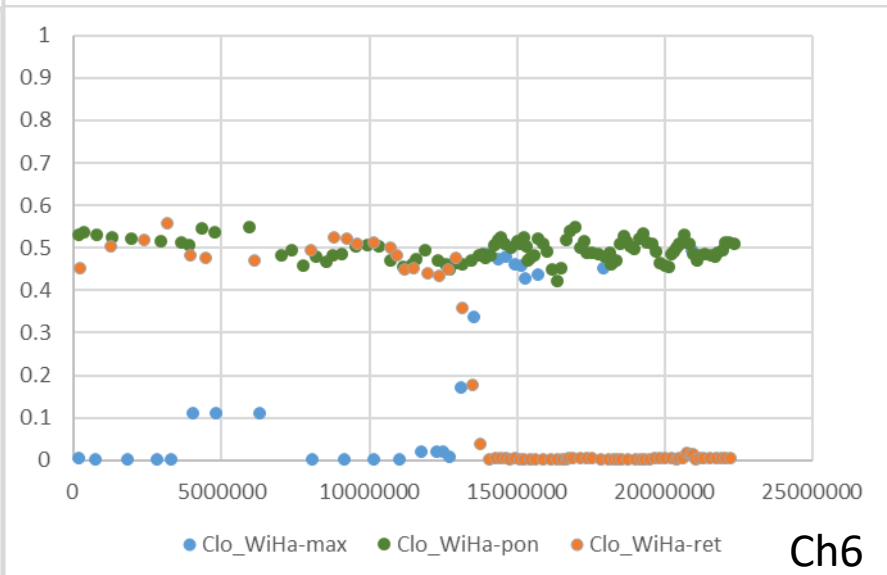
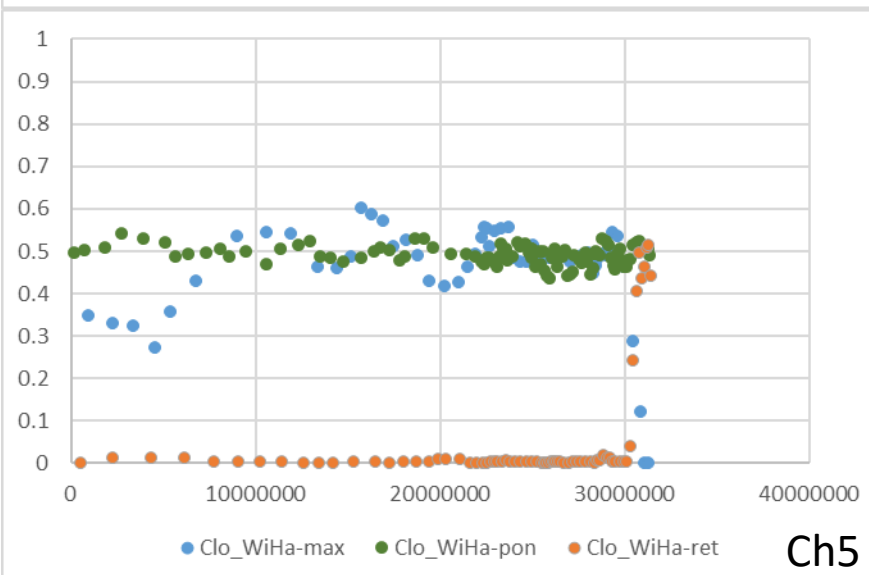
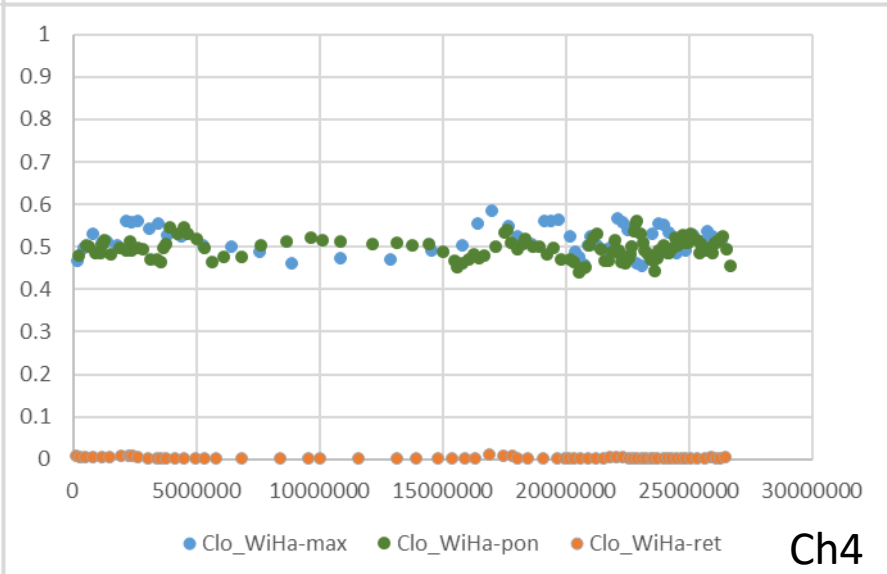
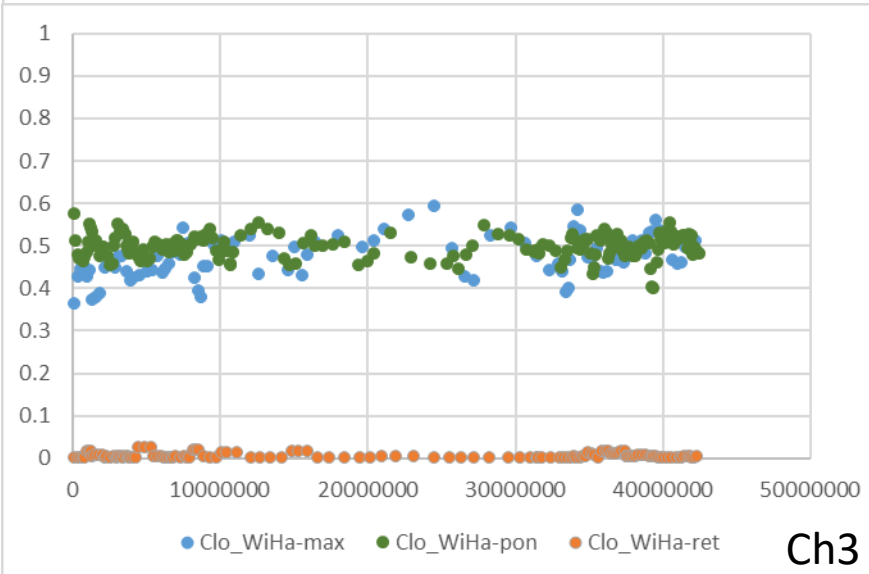
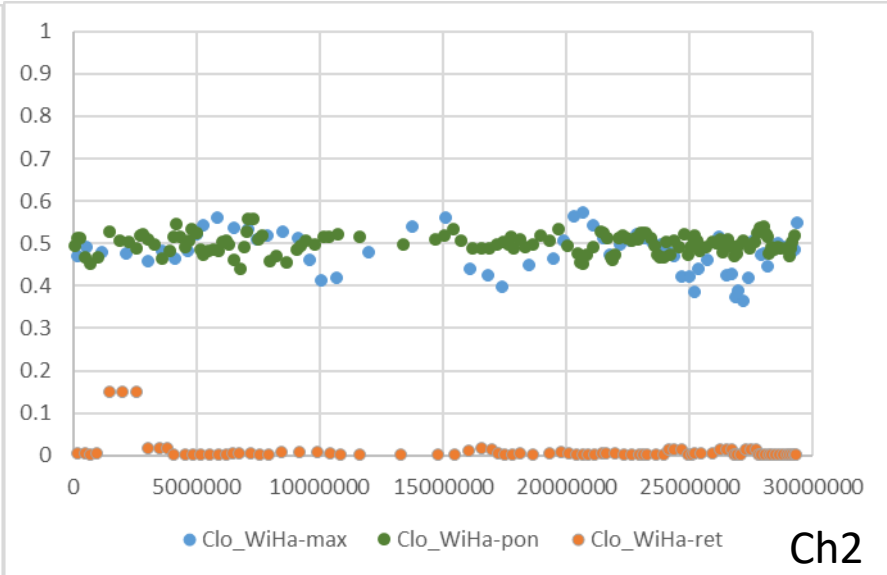
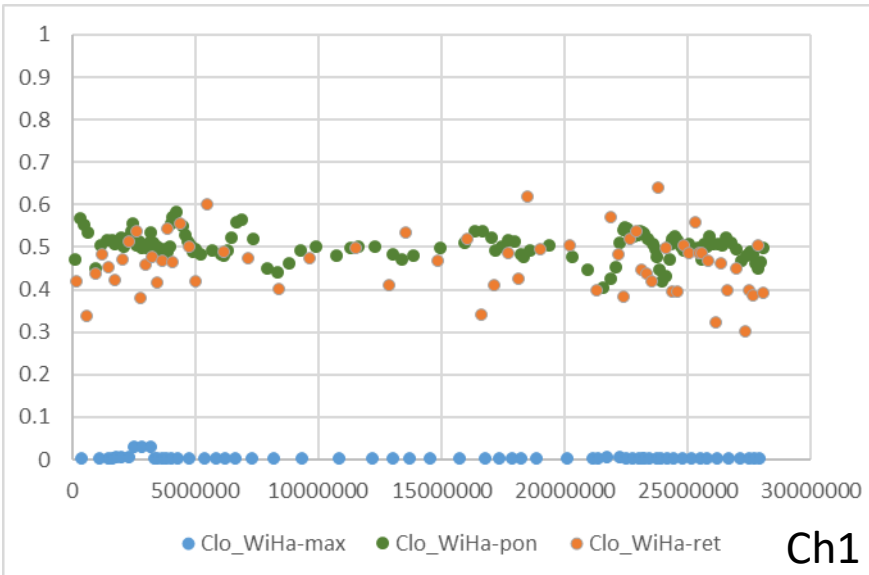


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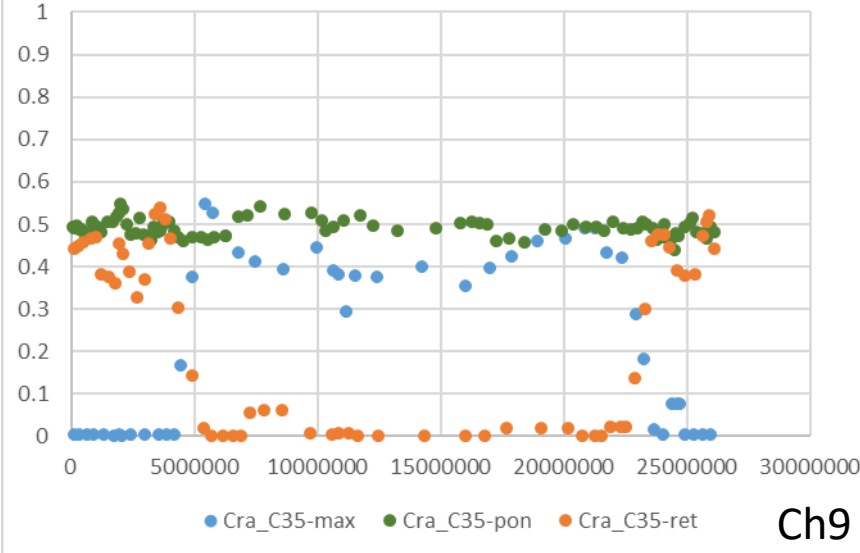
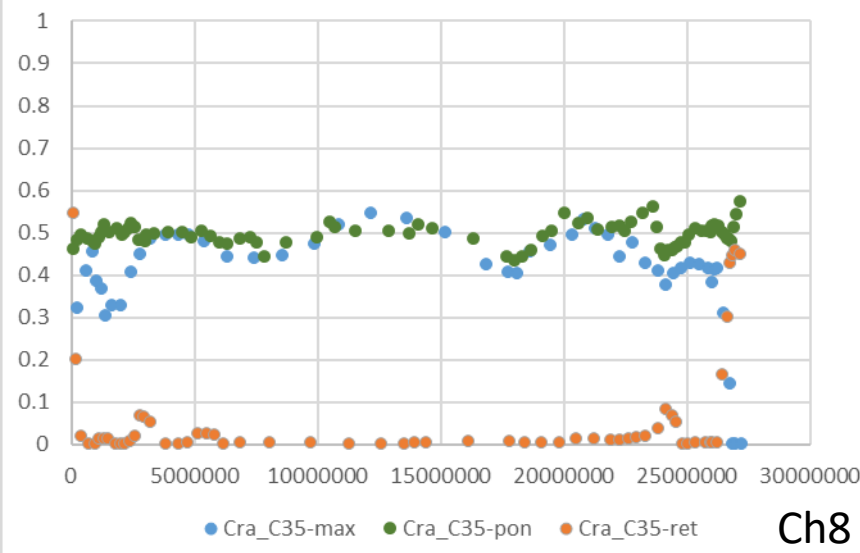
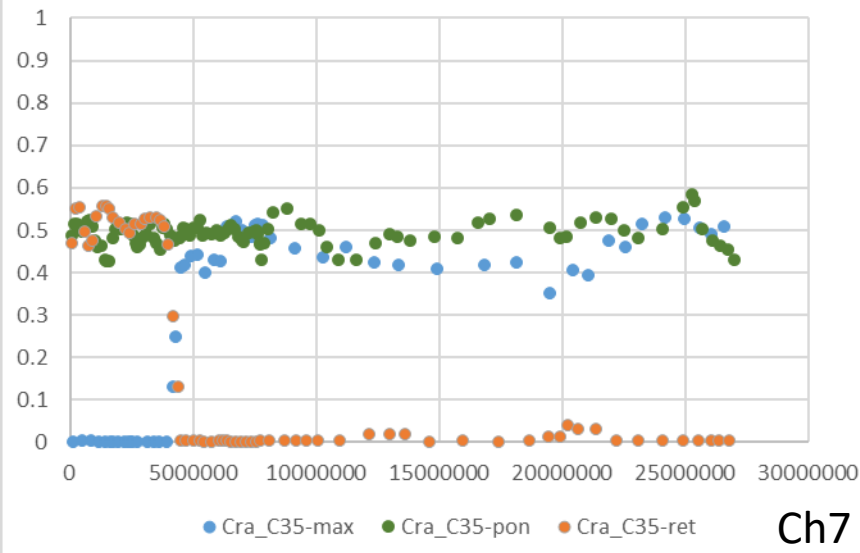
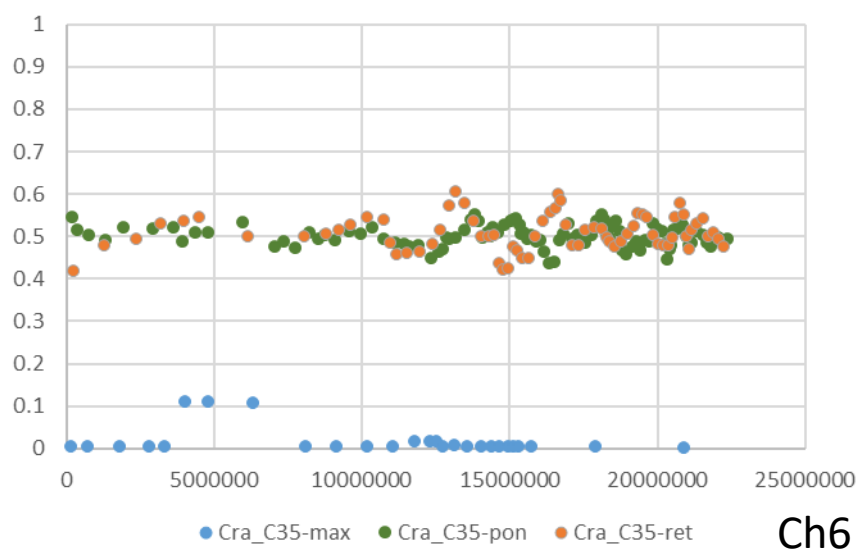
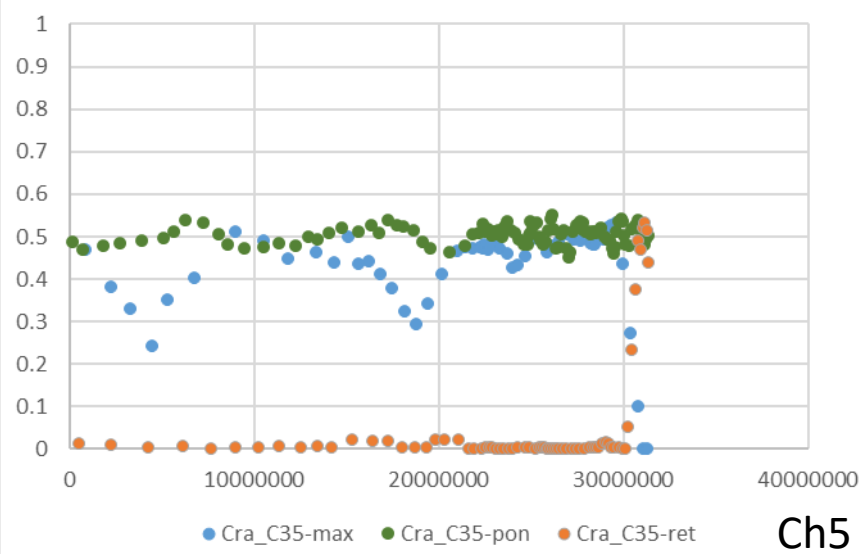
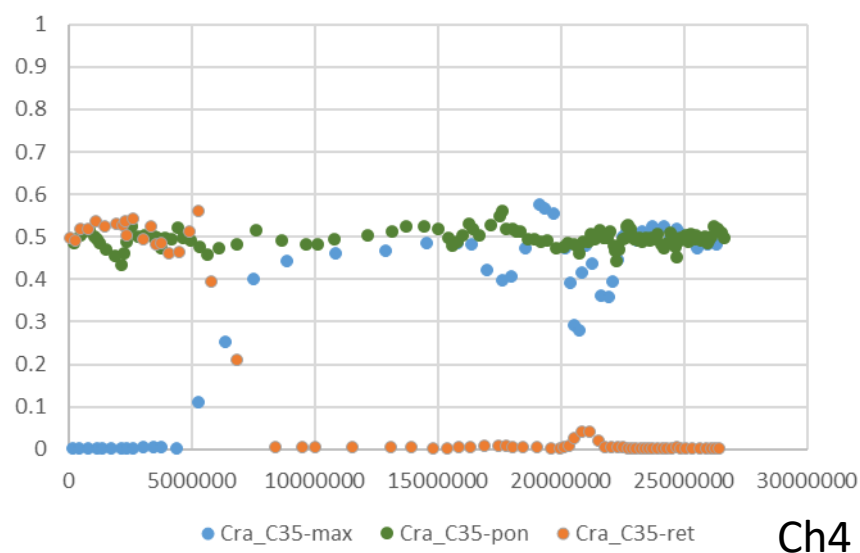
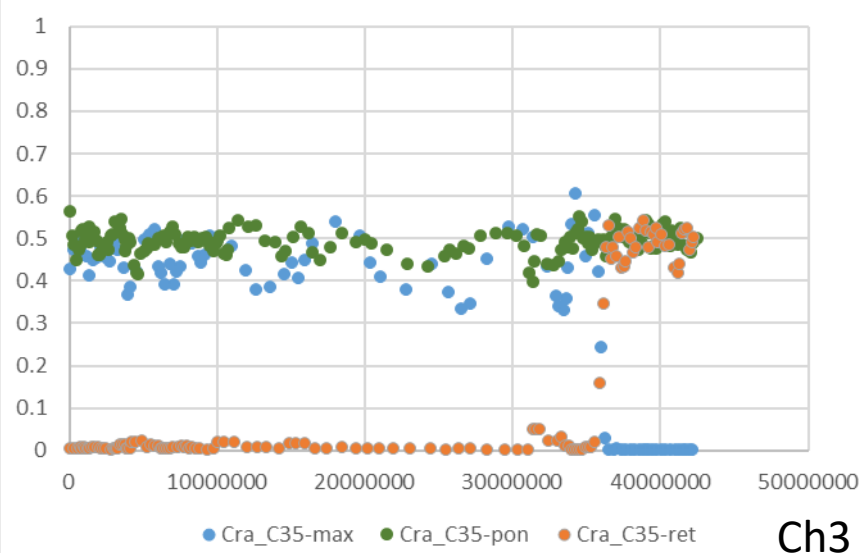
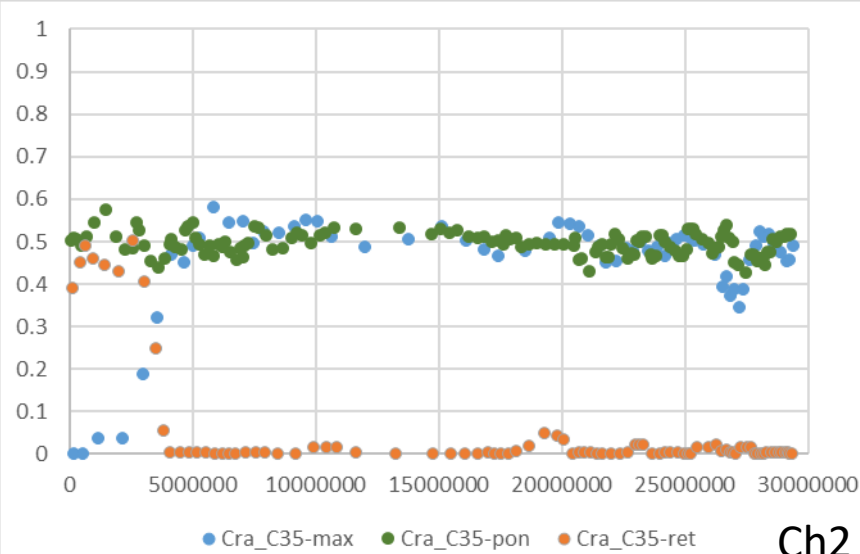
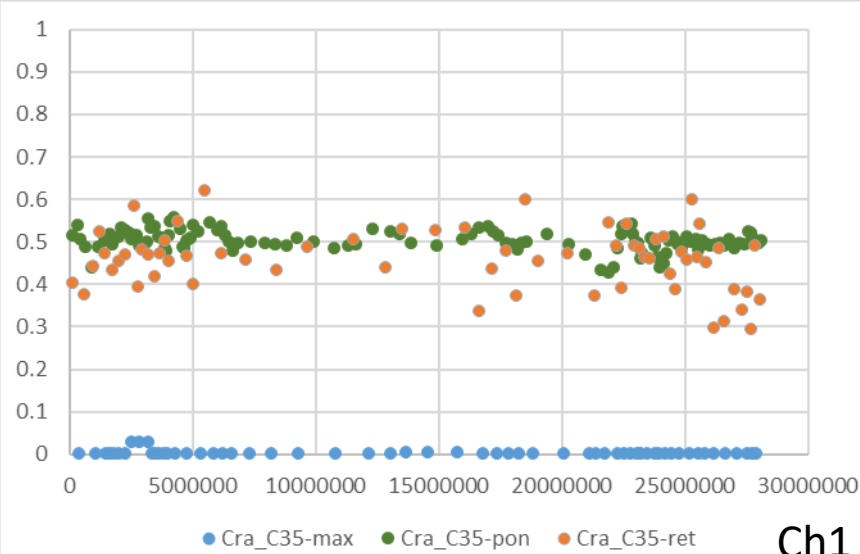
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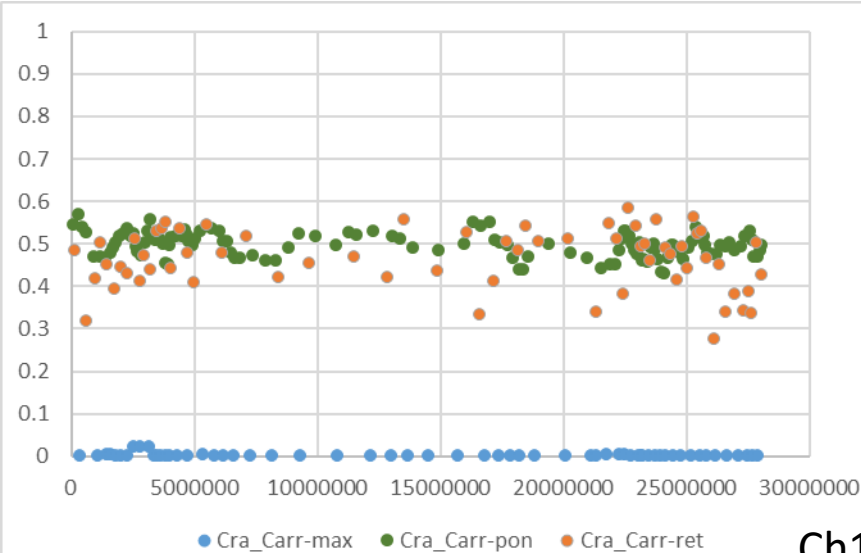
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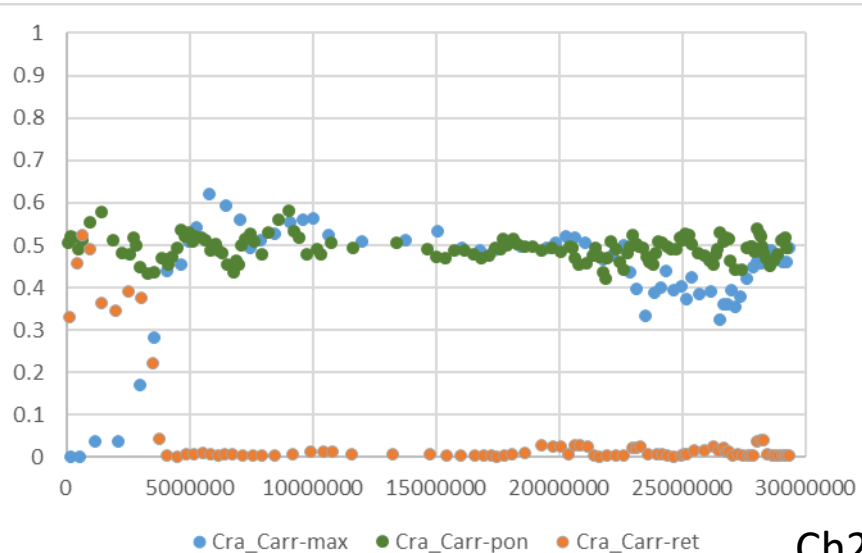
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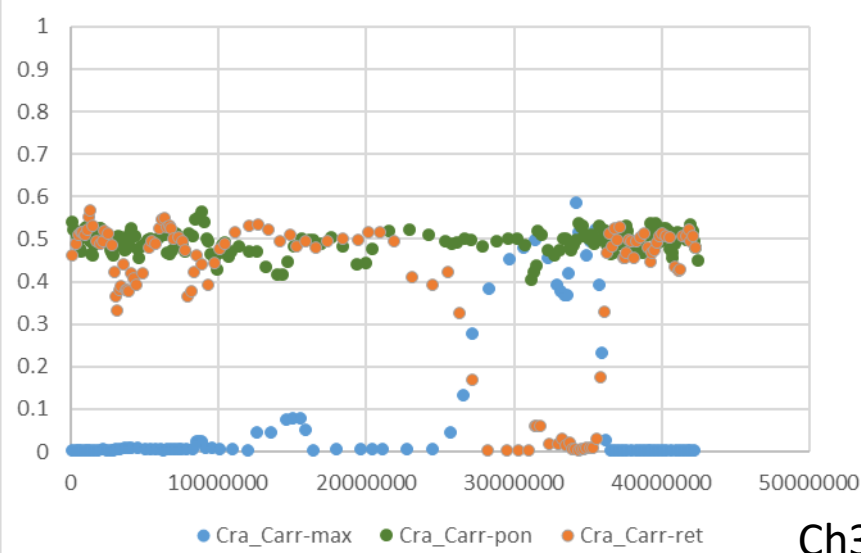
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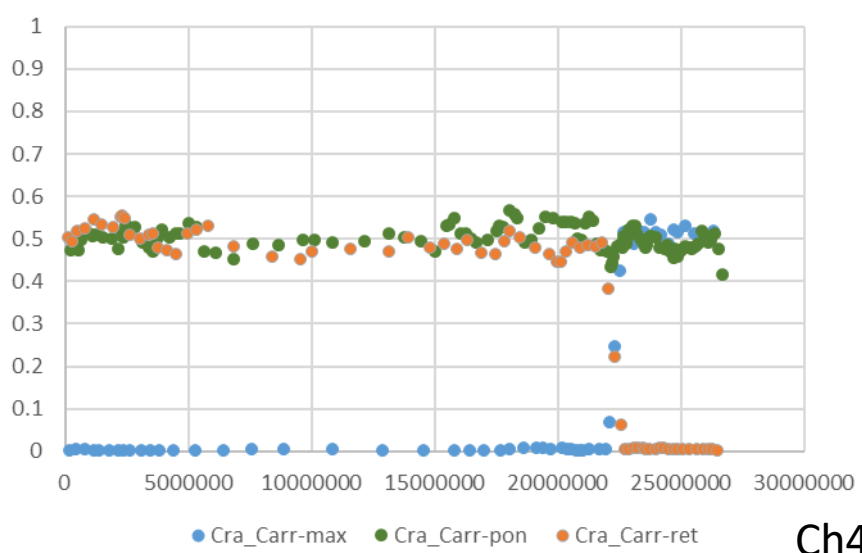
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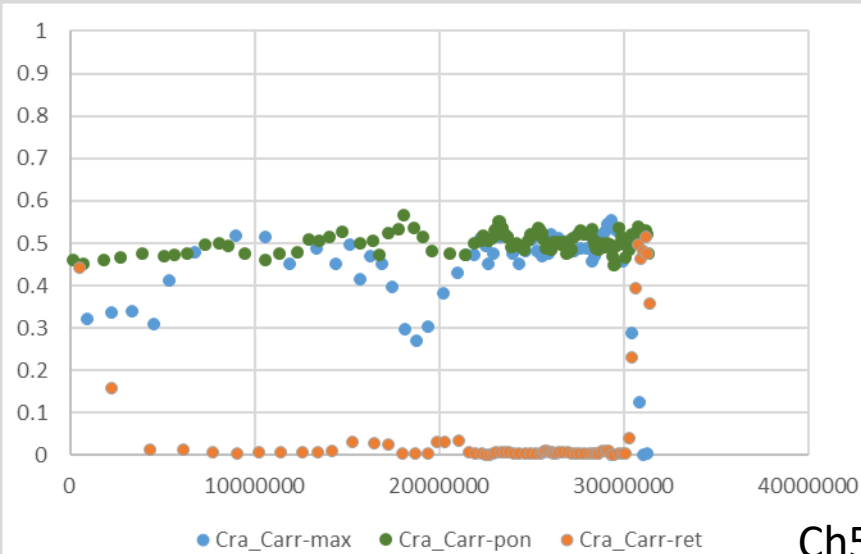
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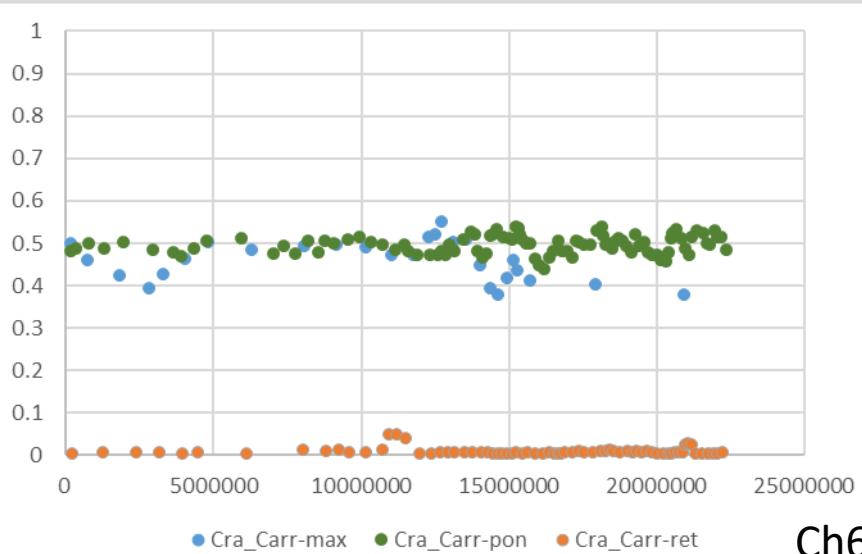
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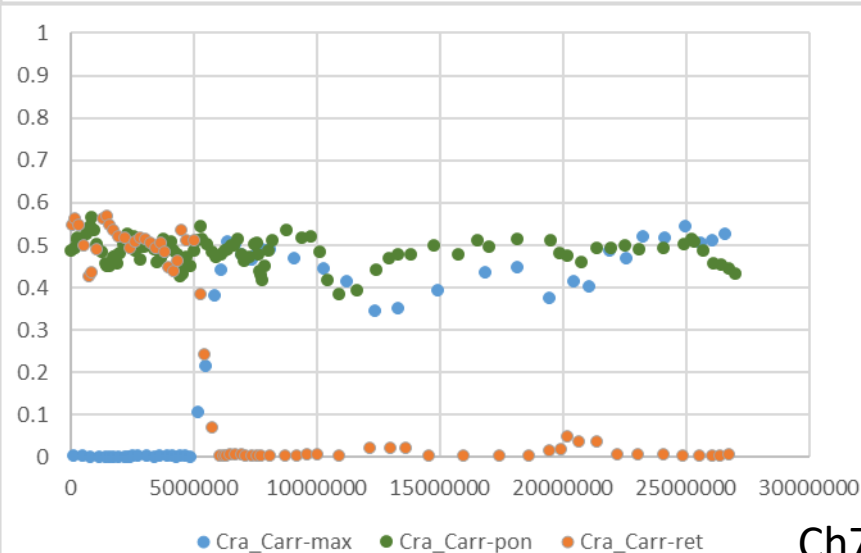
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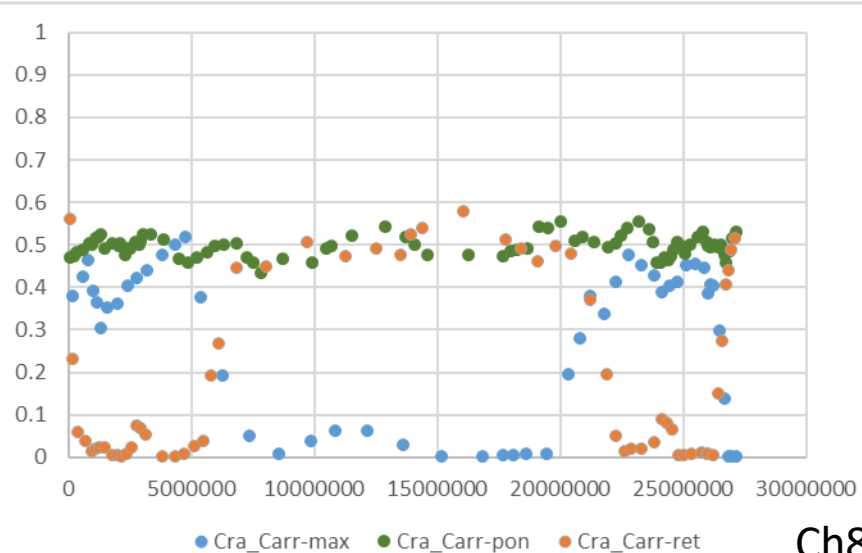
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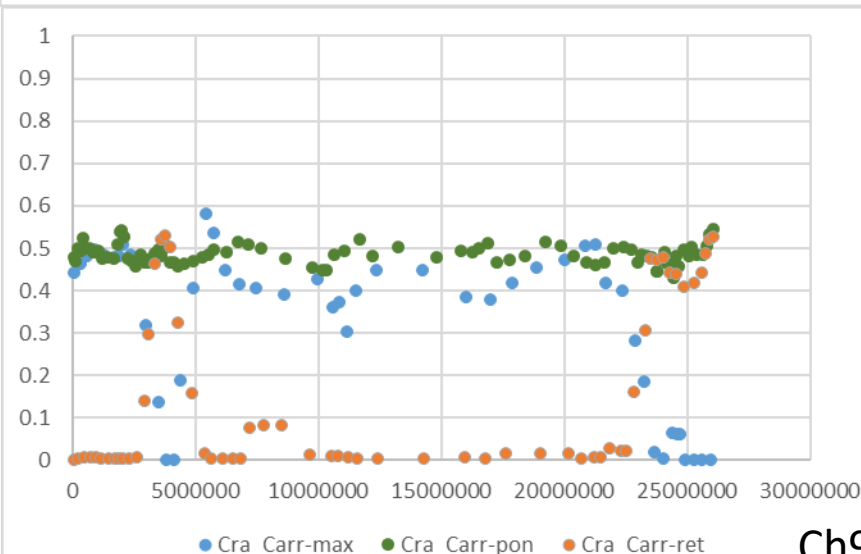
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Ch7

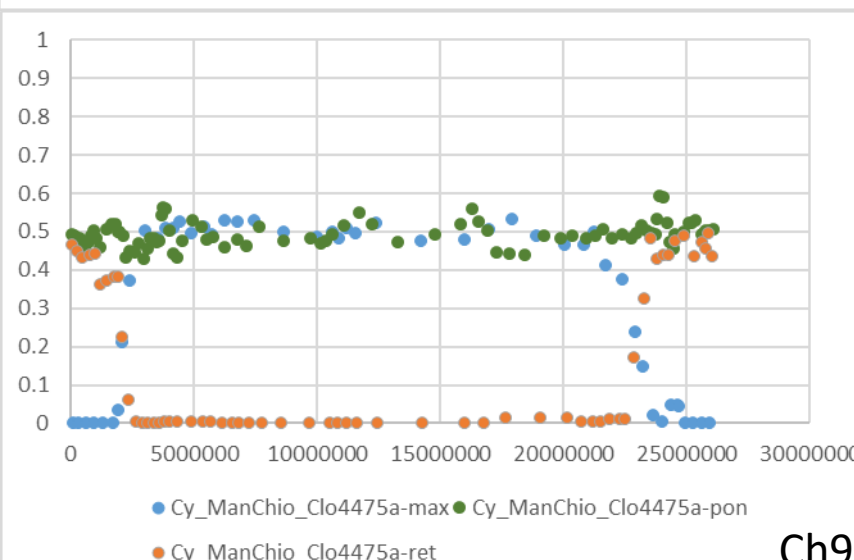
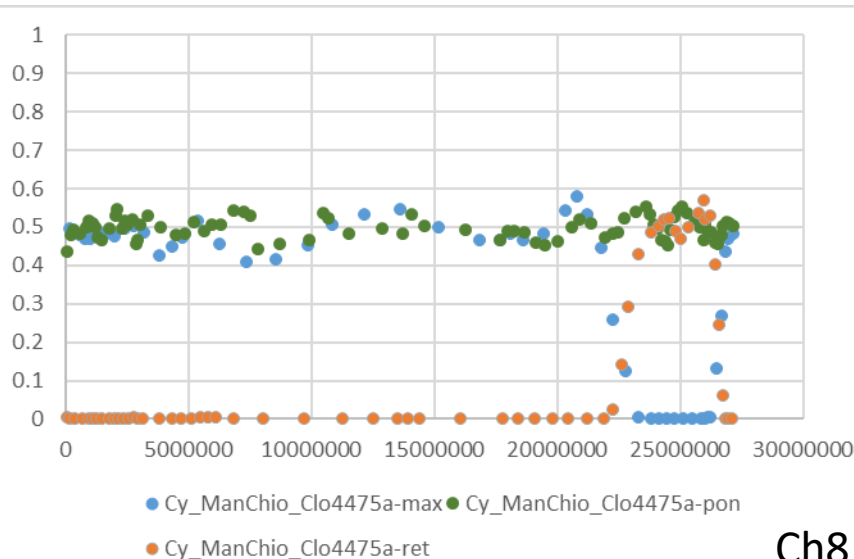
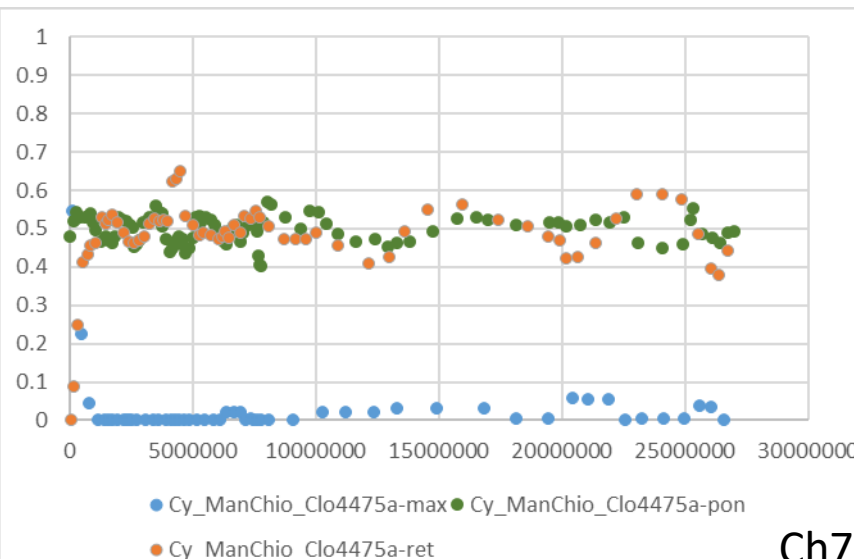
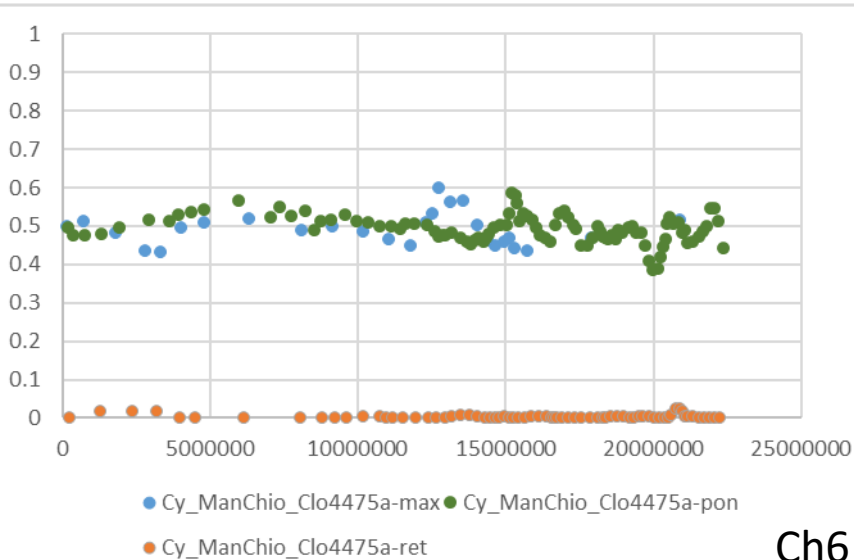
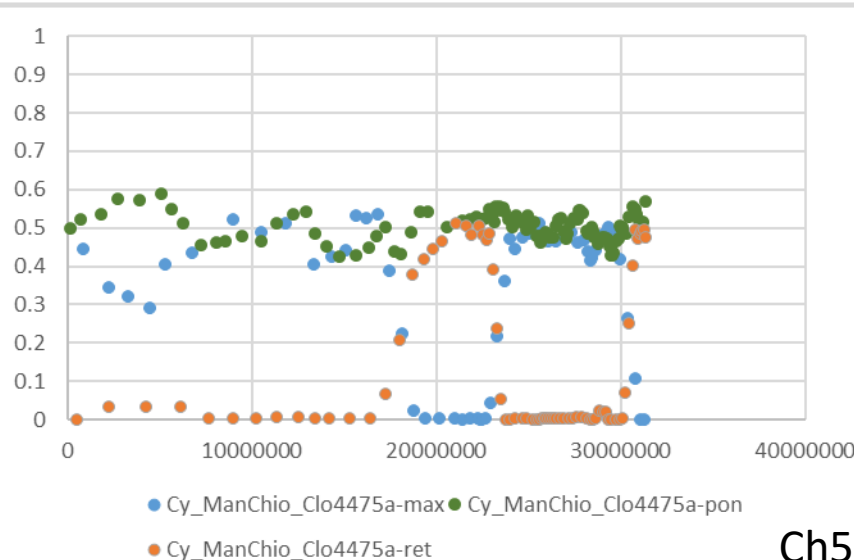
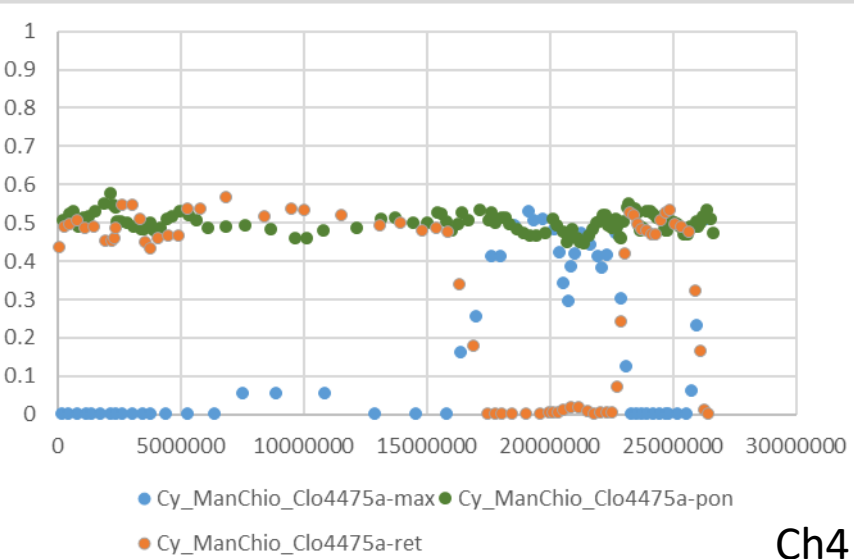
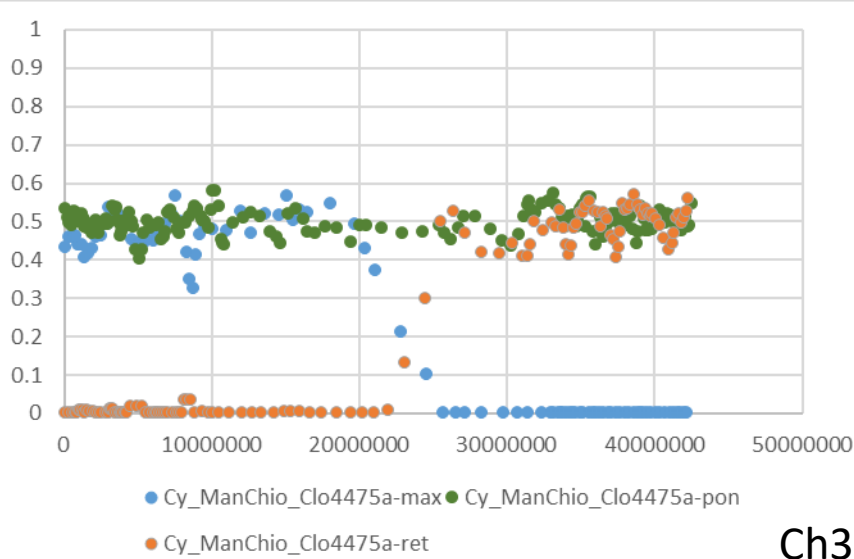
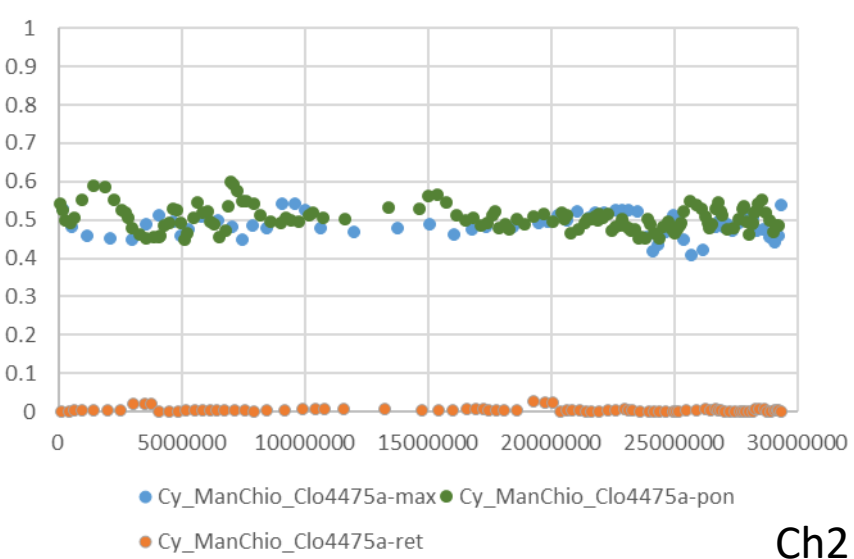
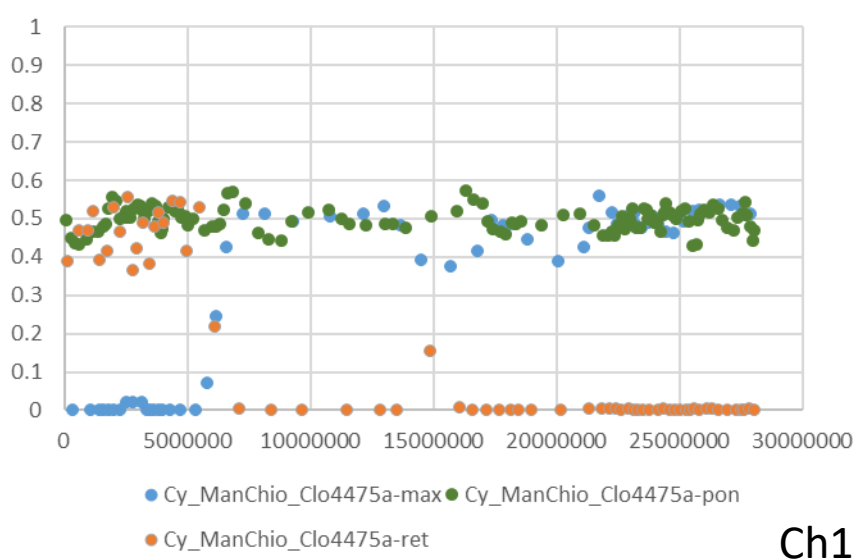


Ch8

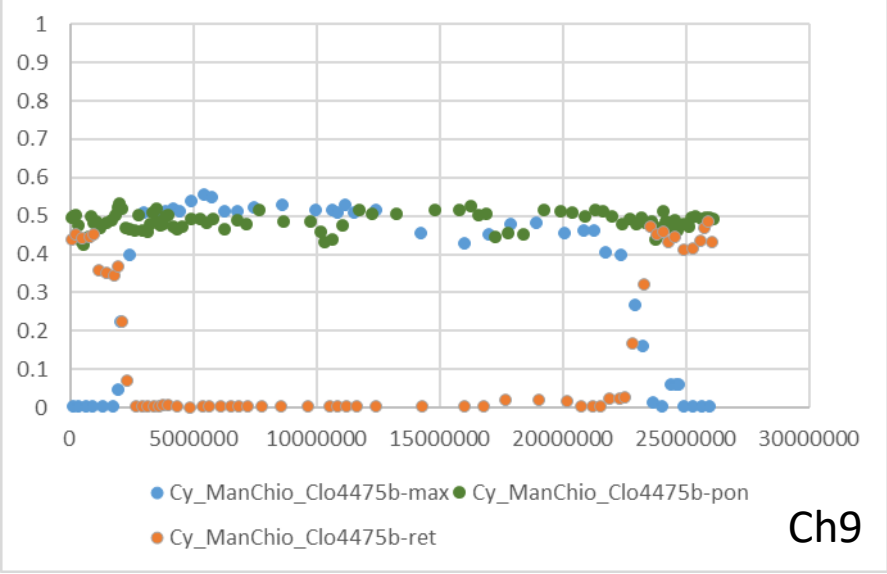
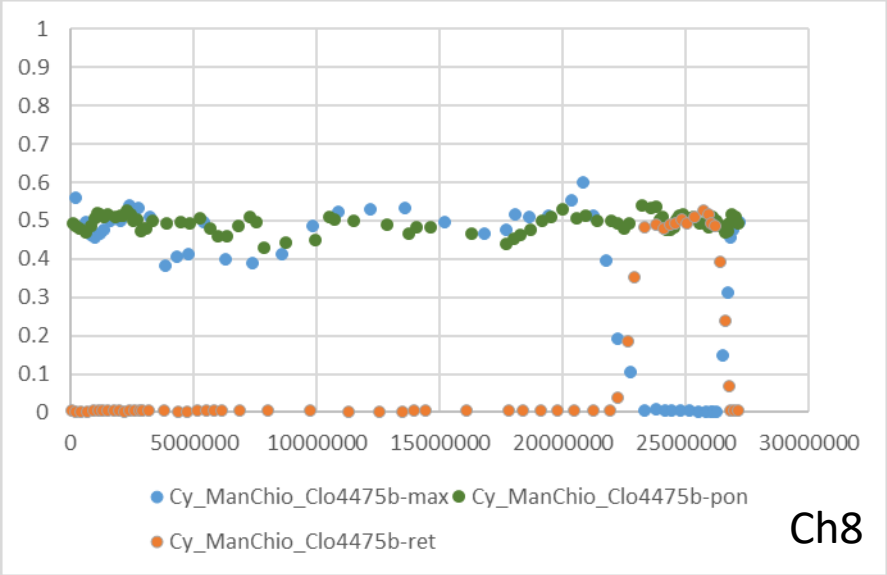
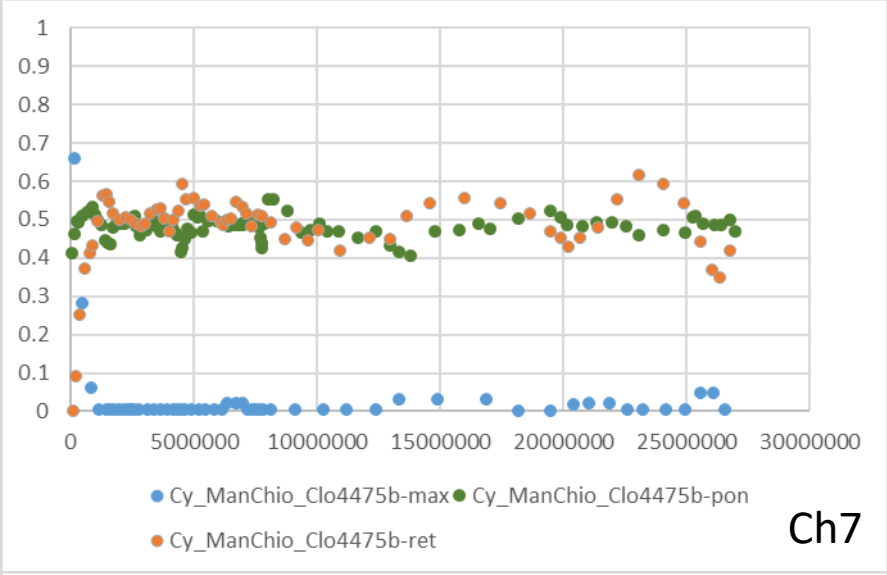
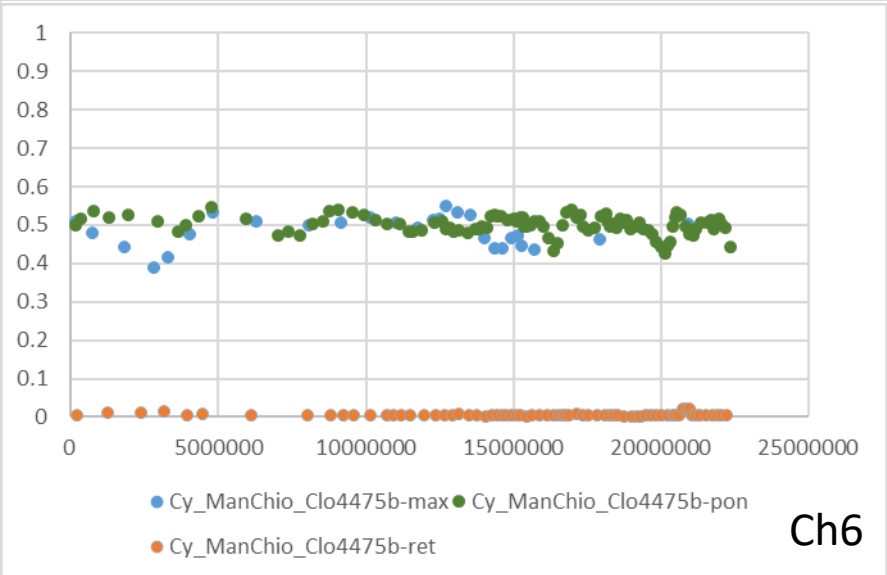
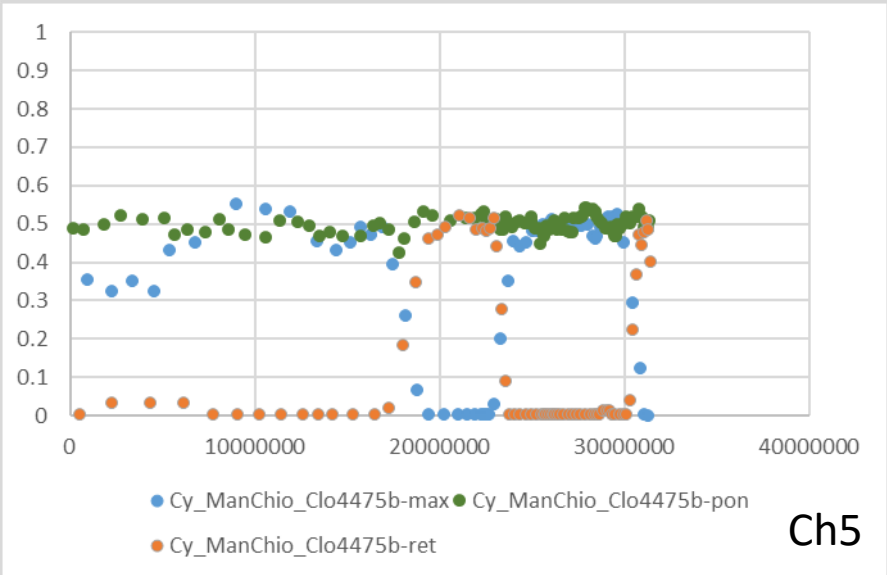
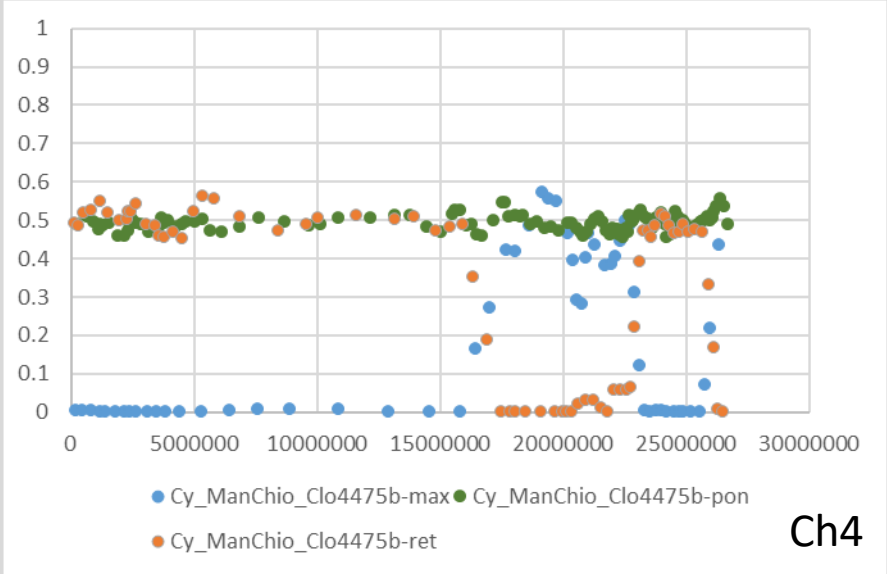
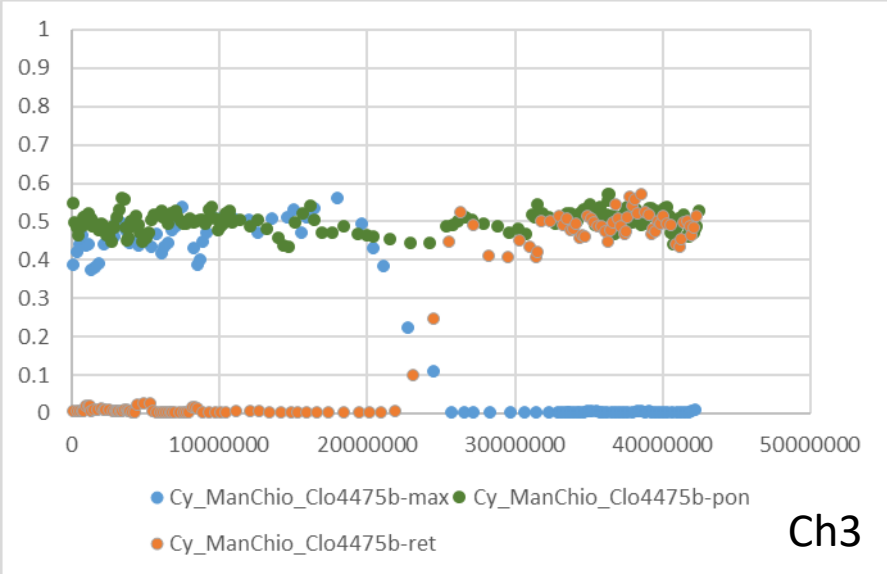
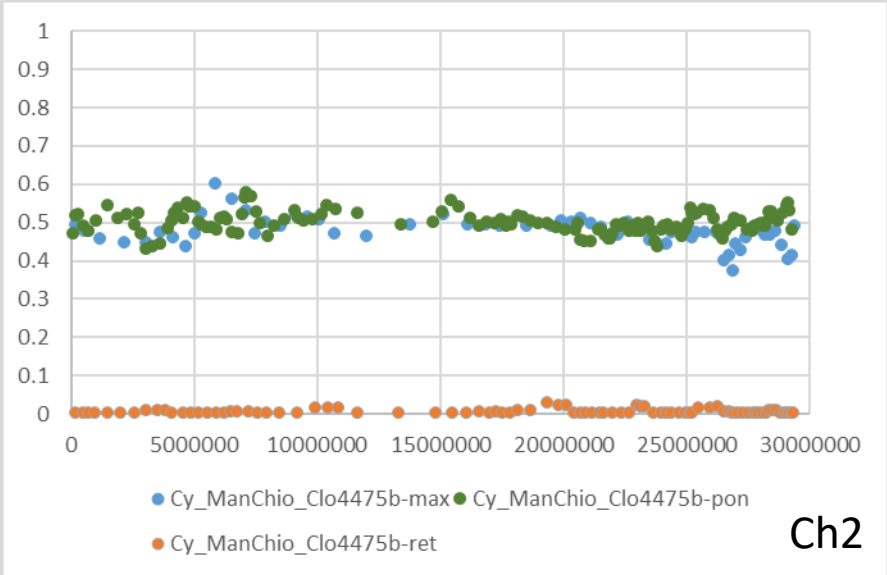
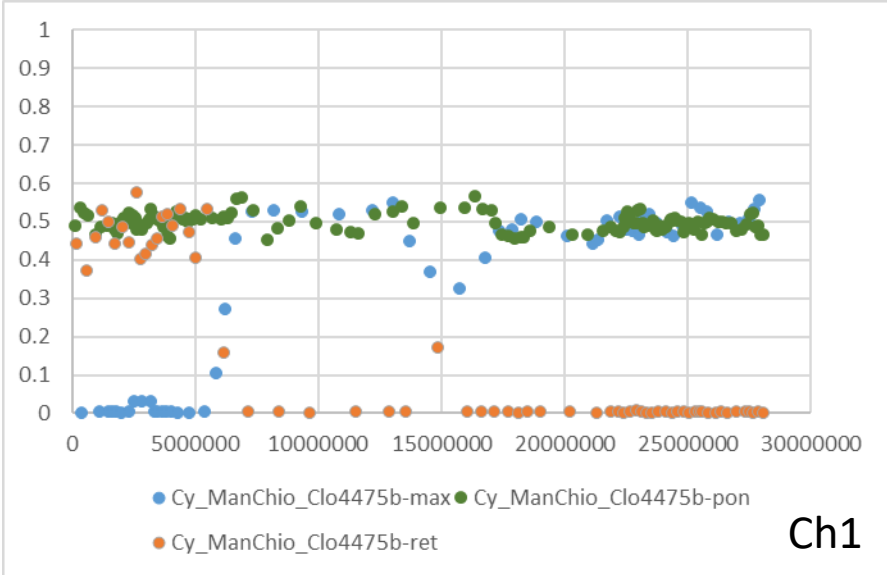


Ch9

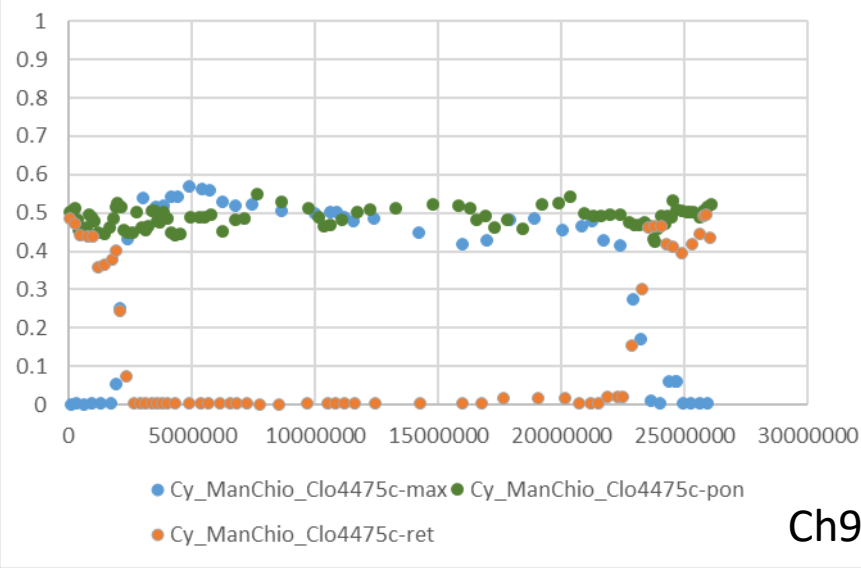
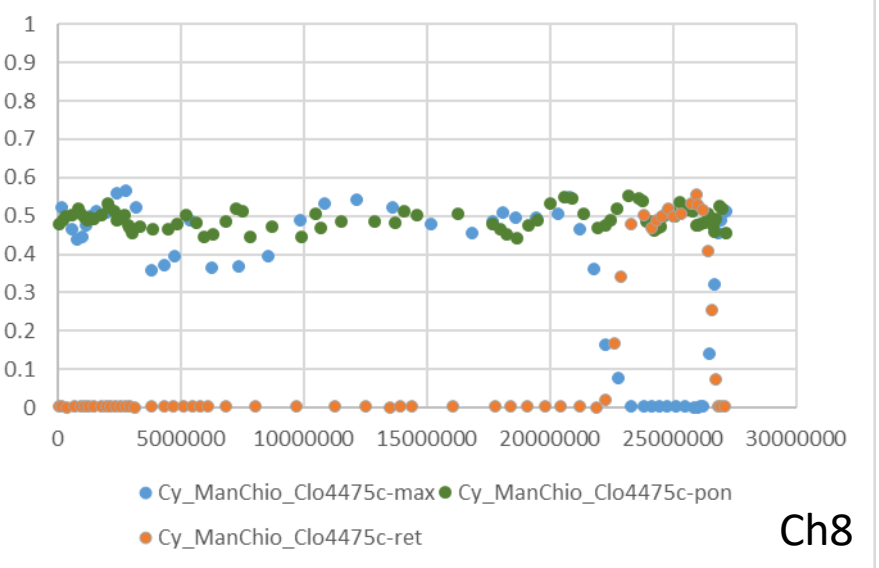
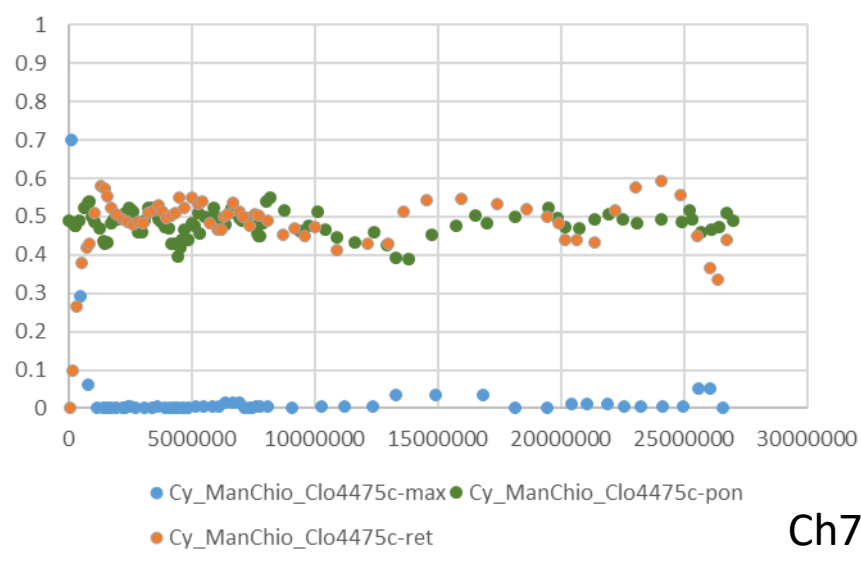
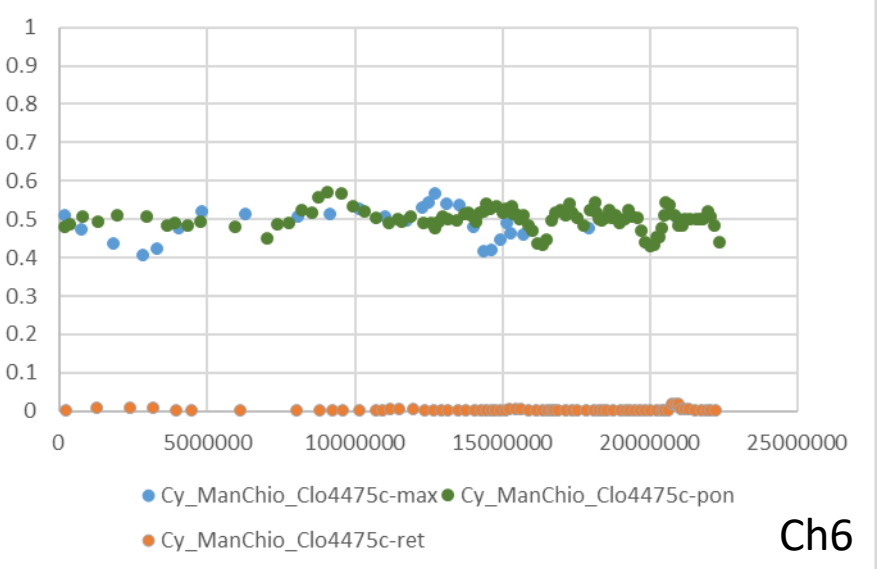
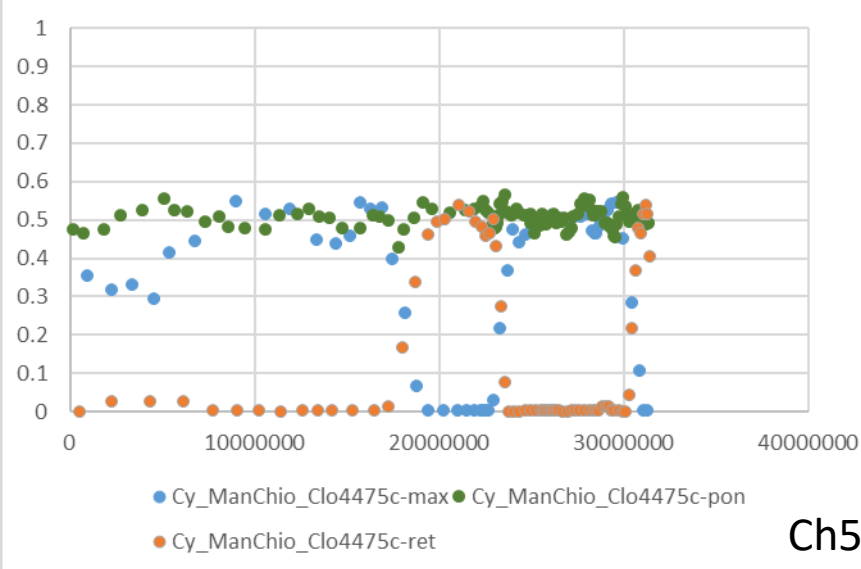
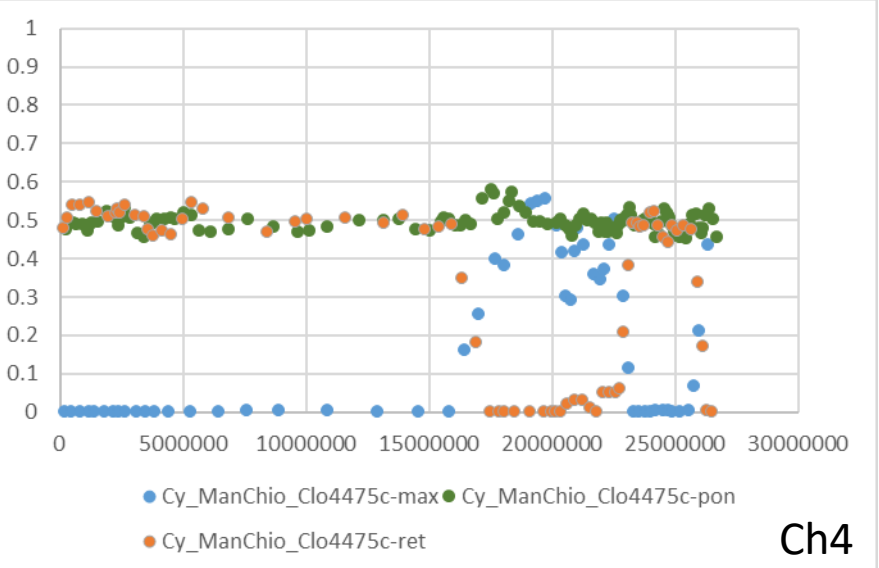
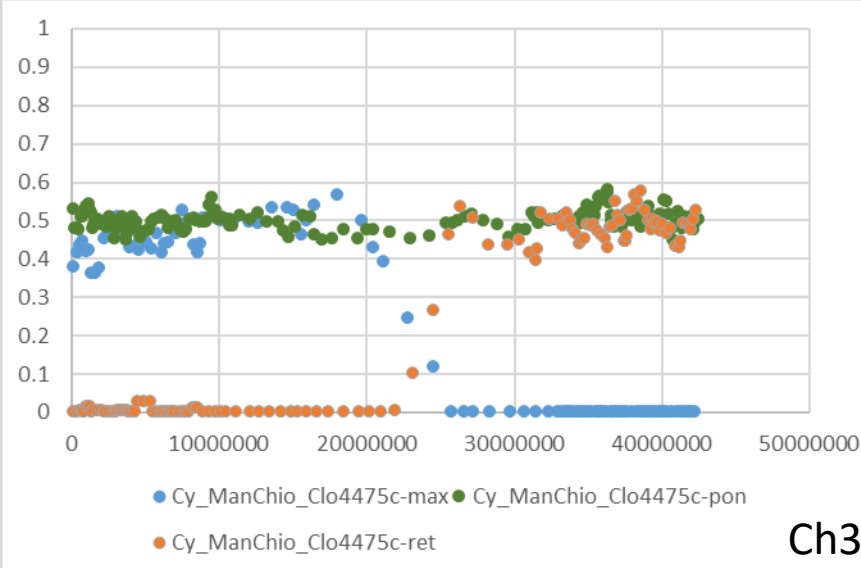
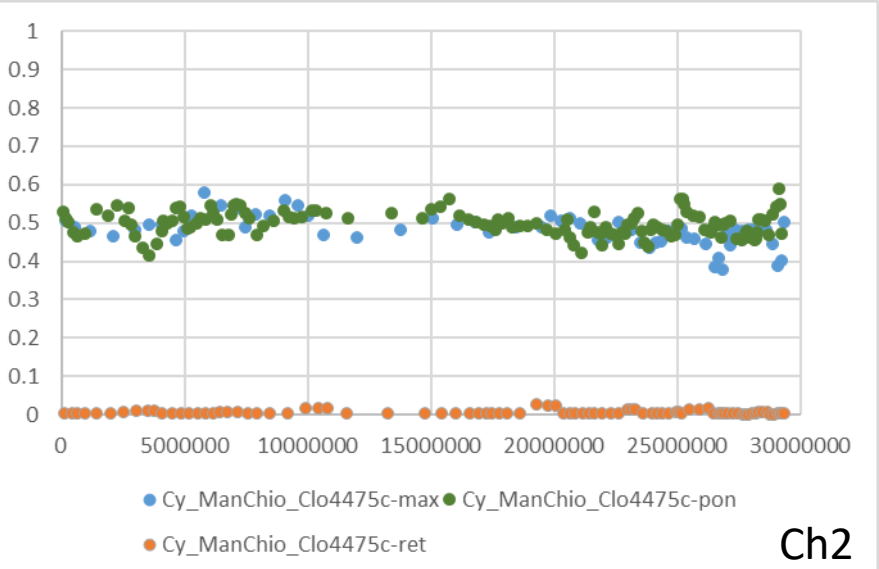
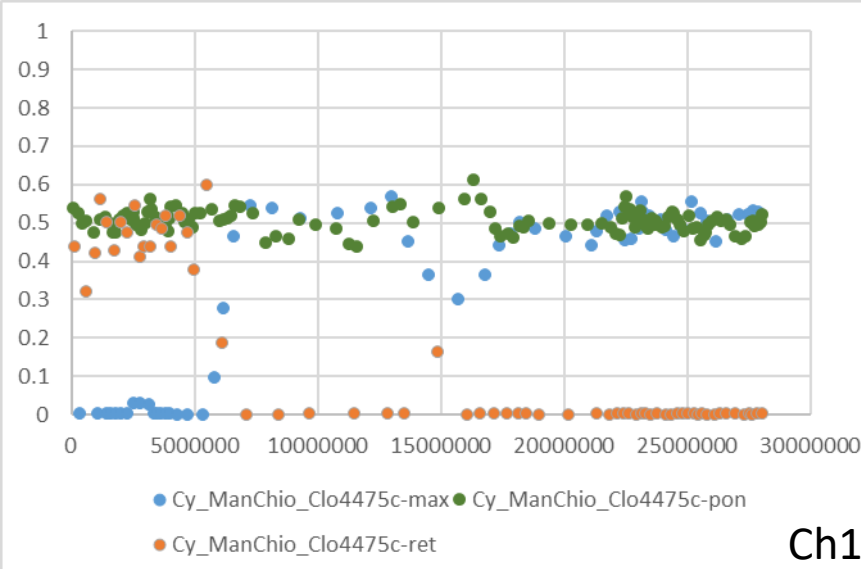
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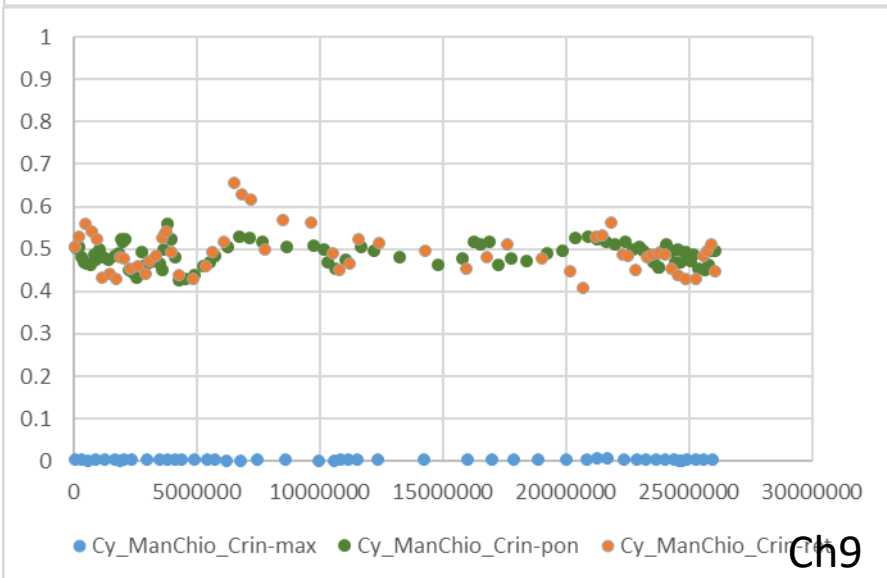
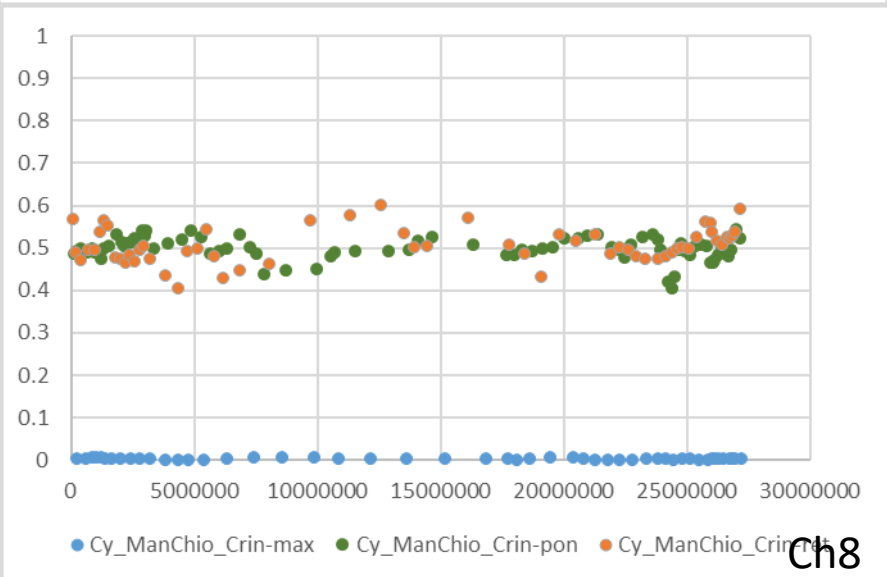
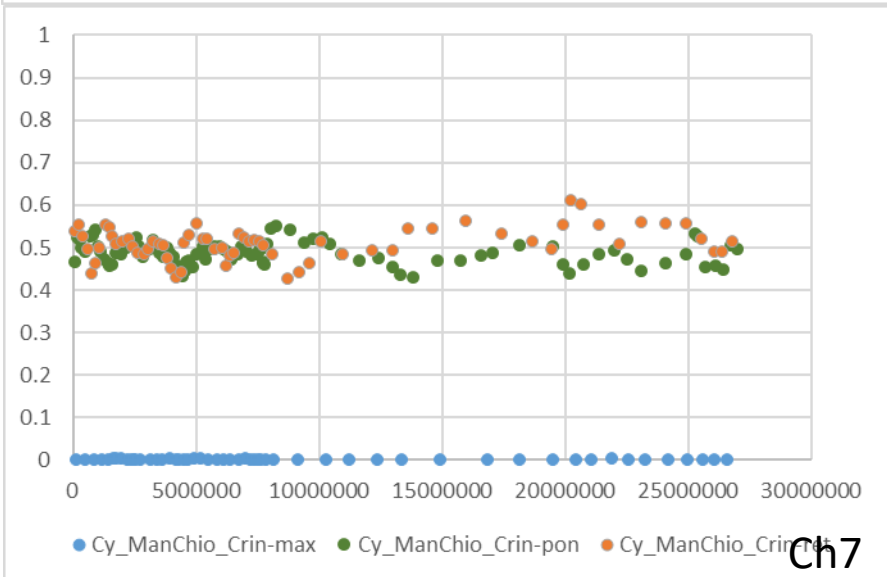
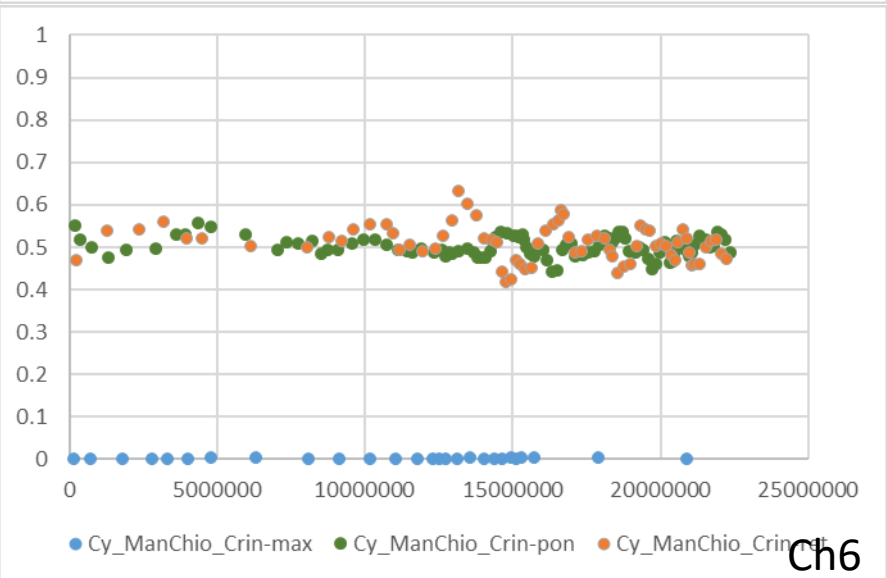
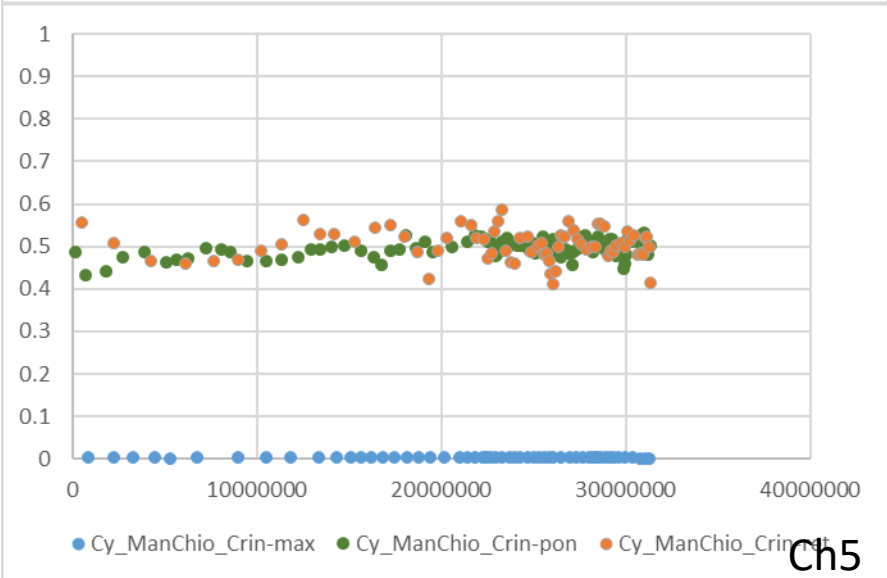
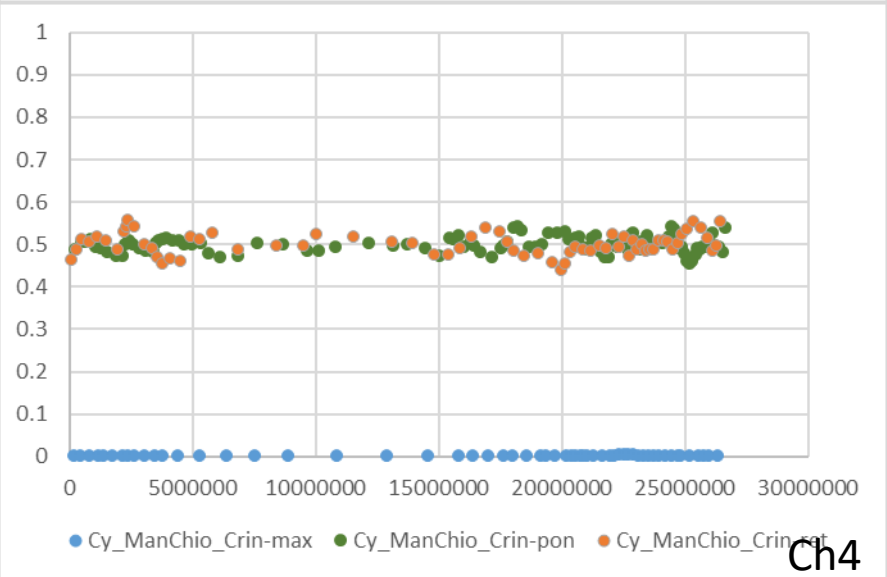
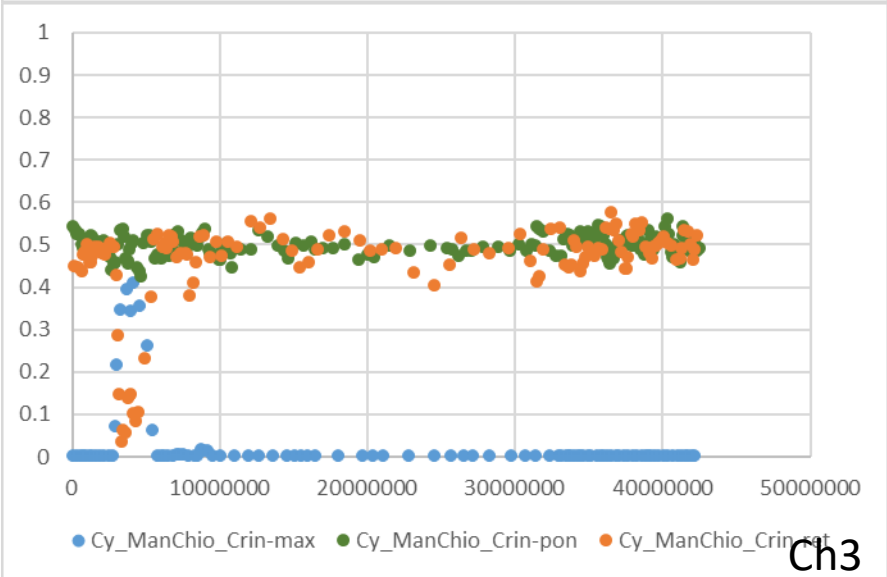
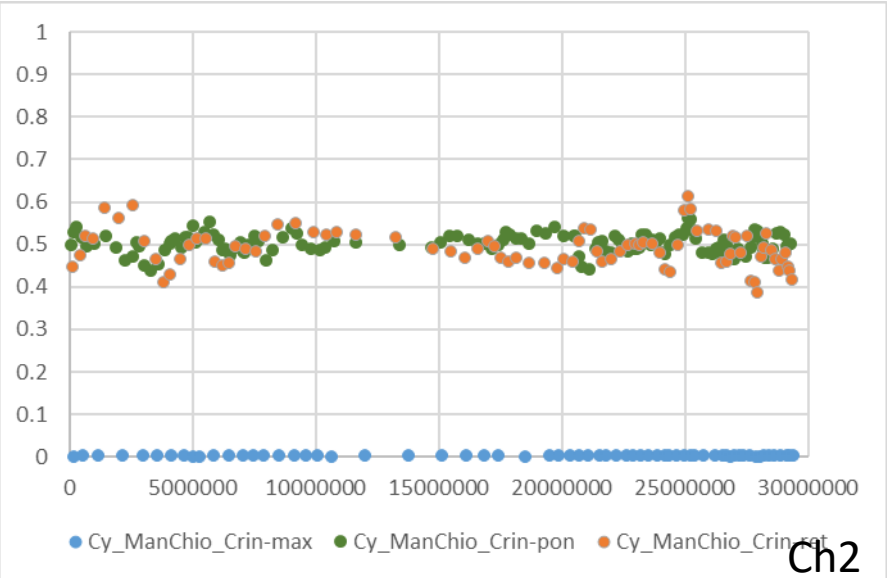
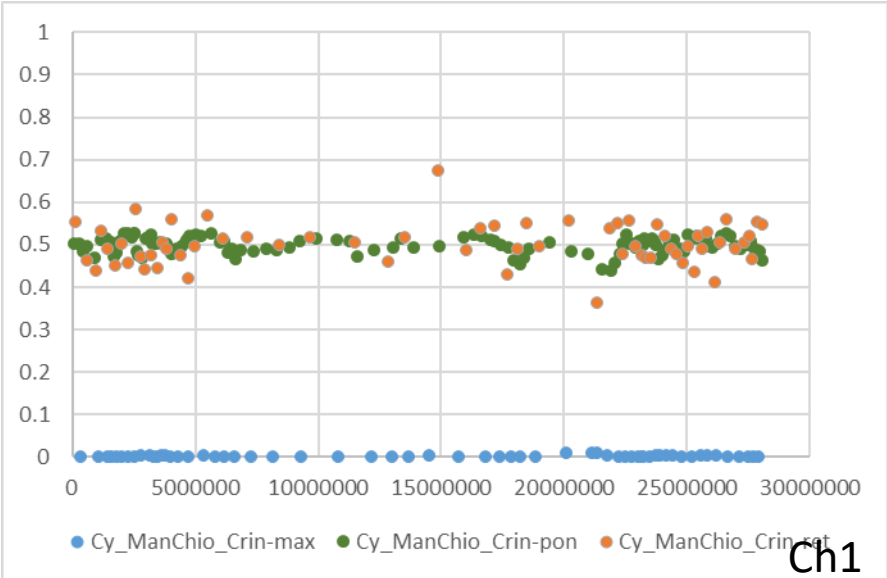
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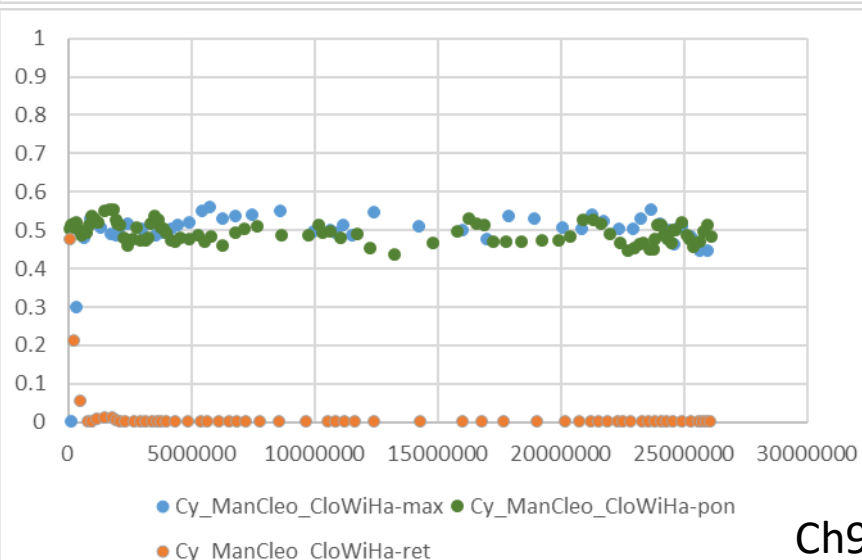
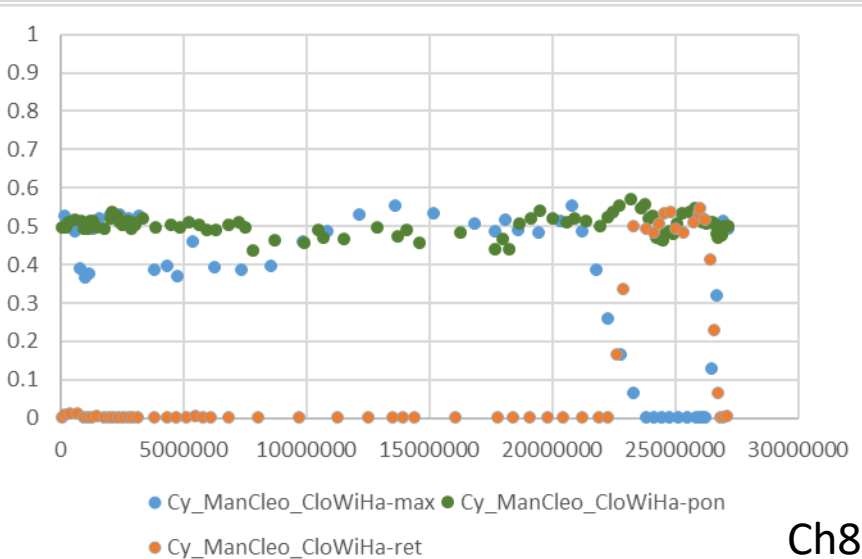
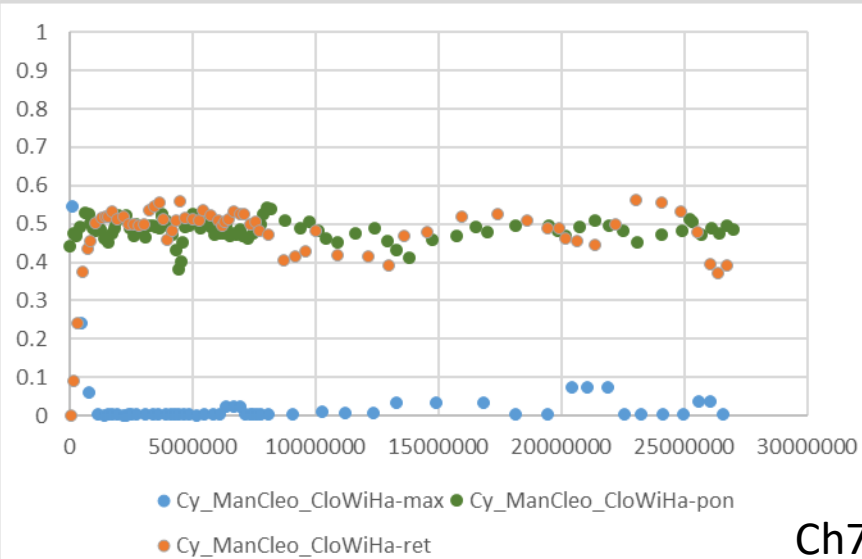
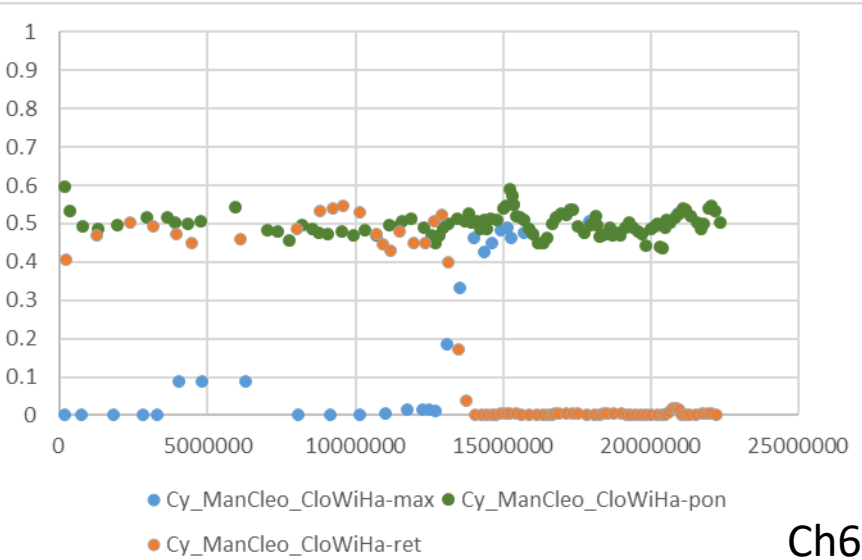
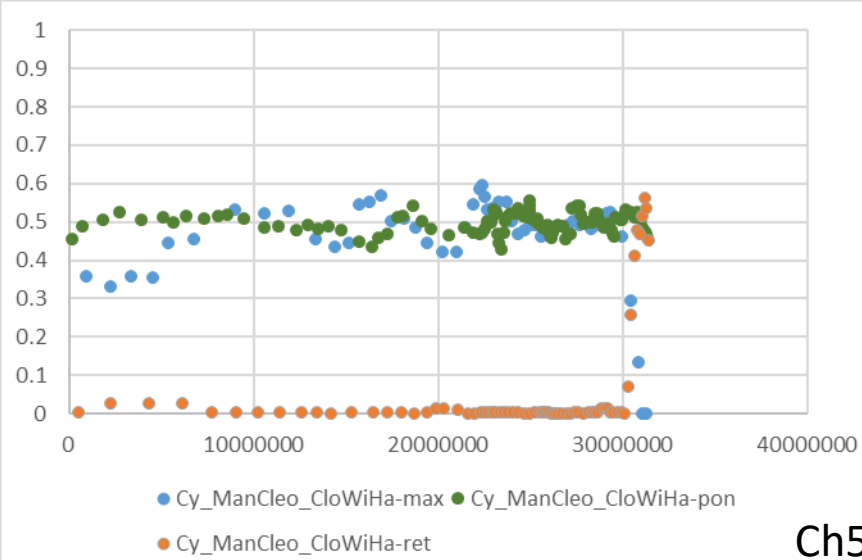
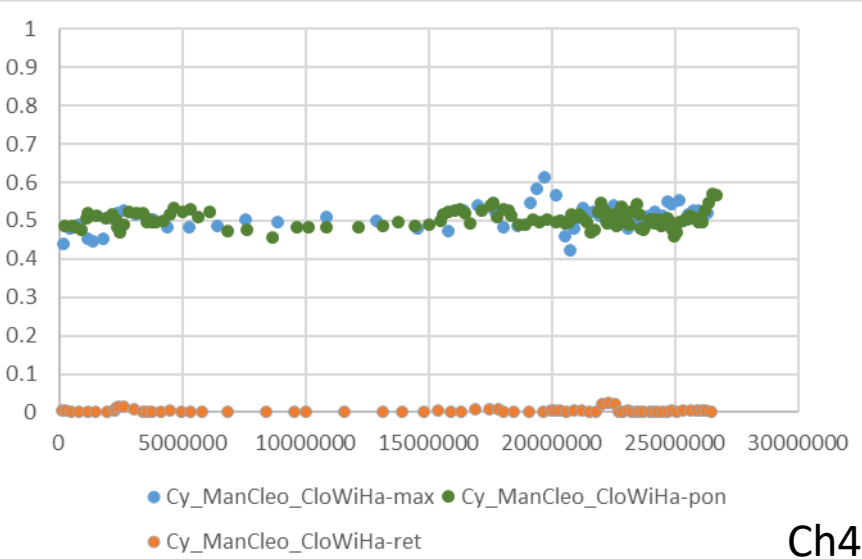
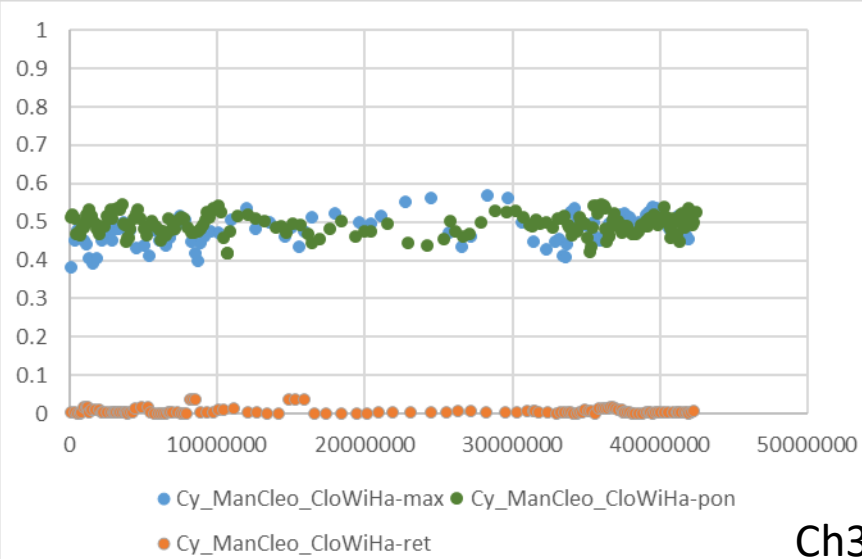
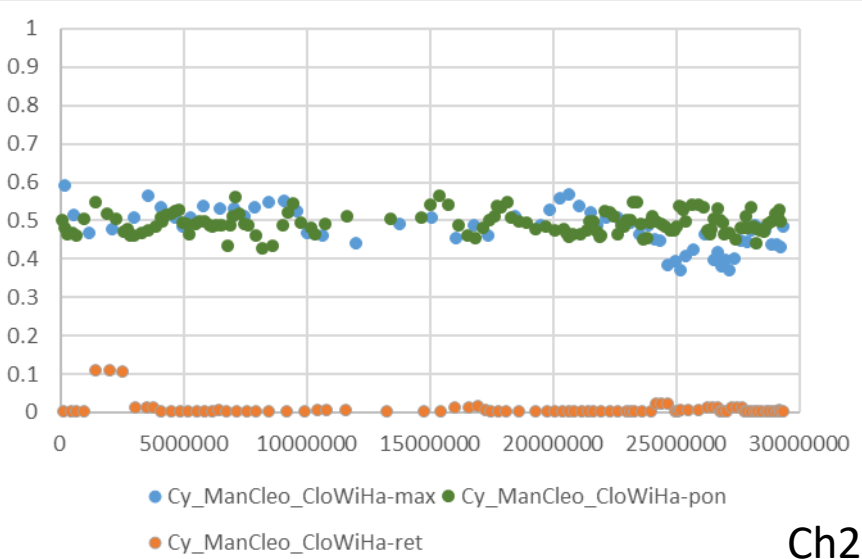
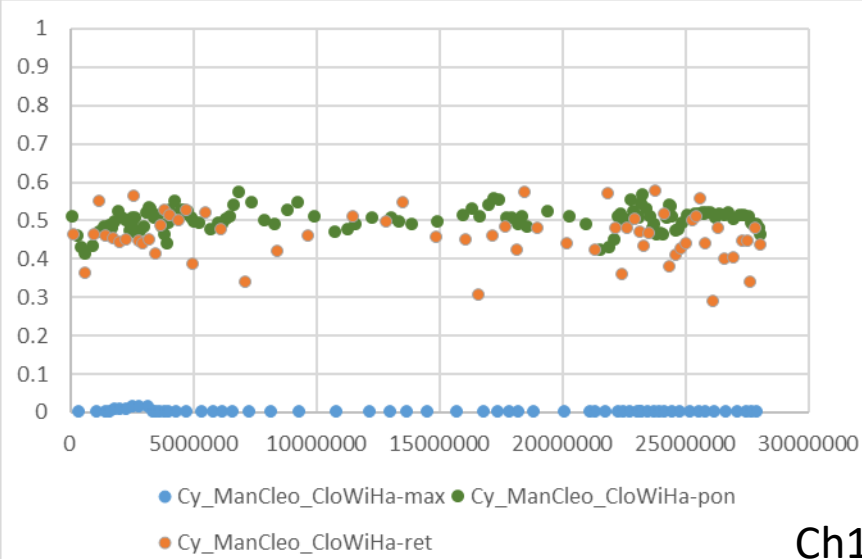
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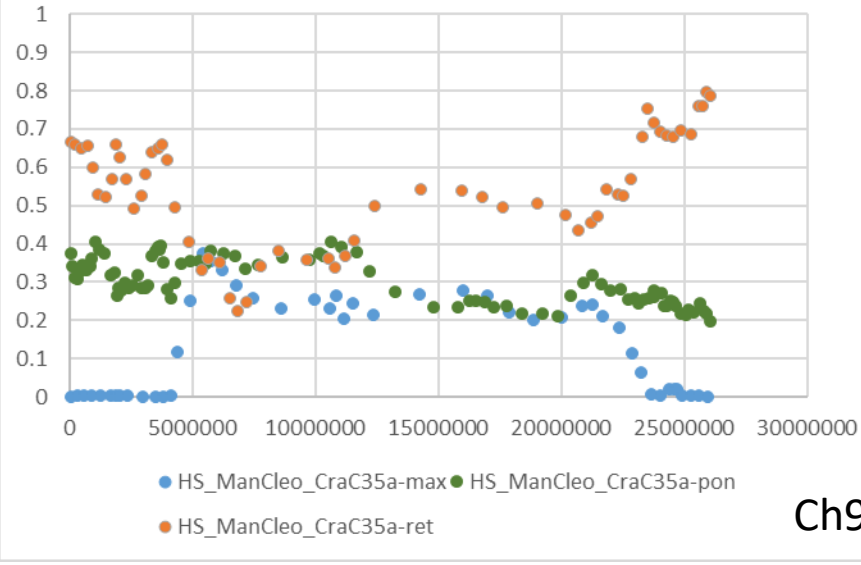
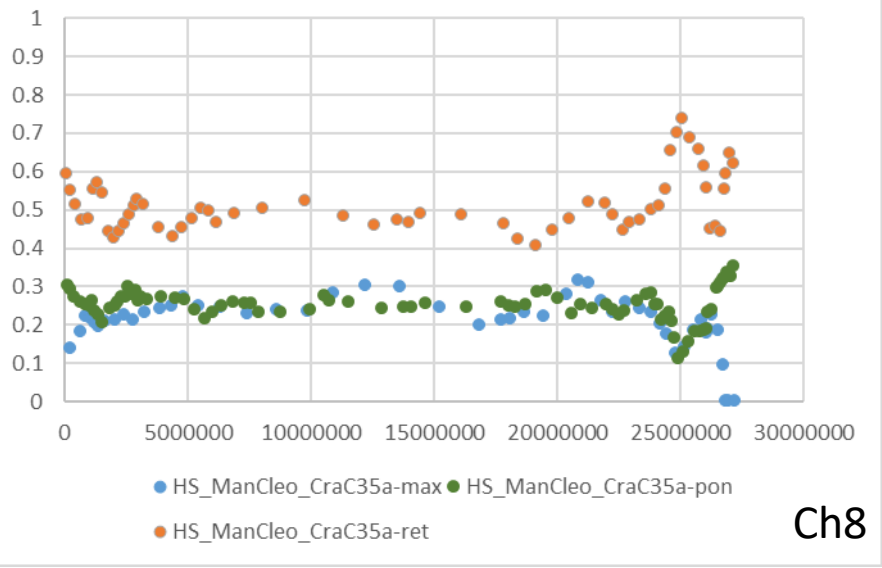
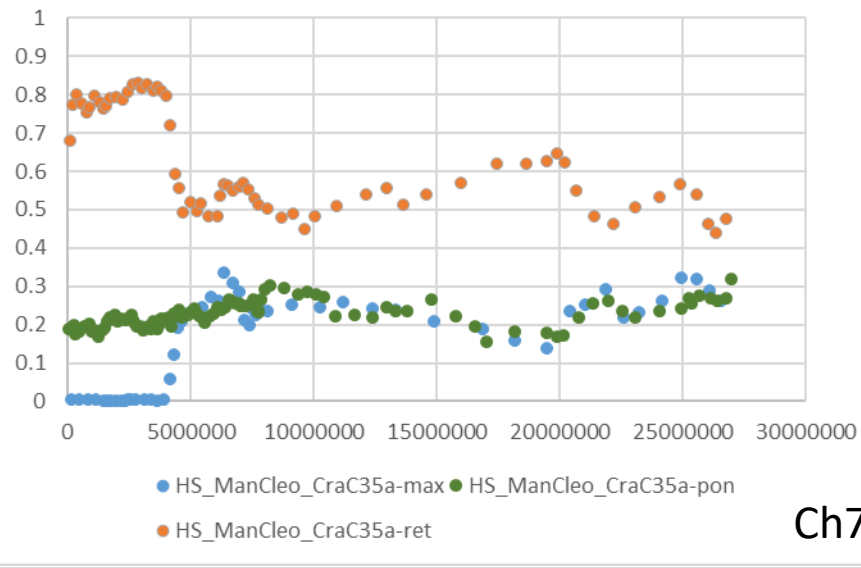
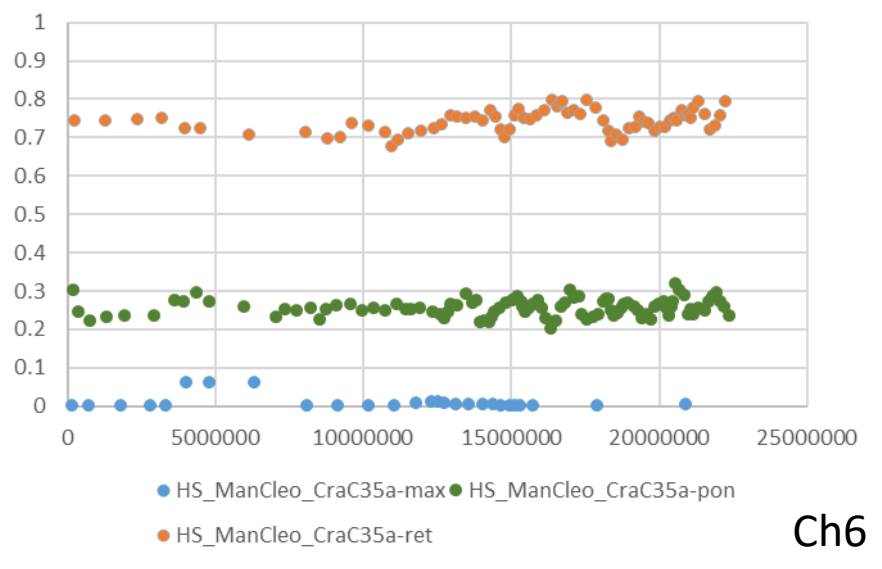
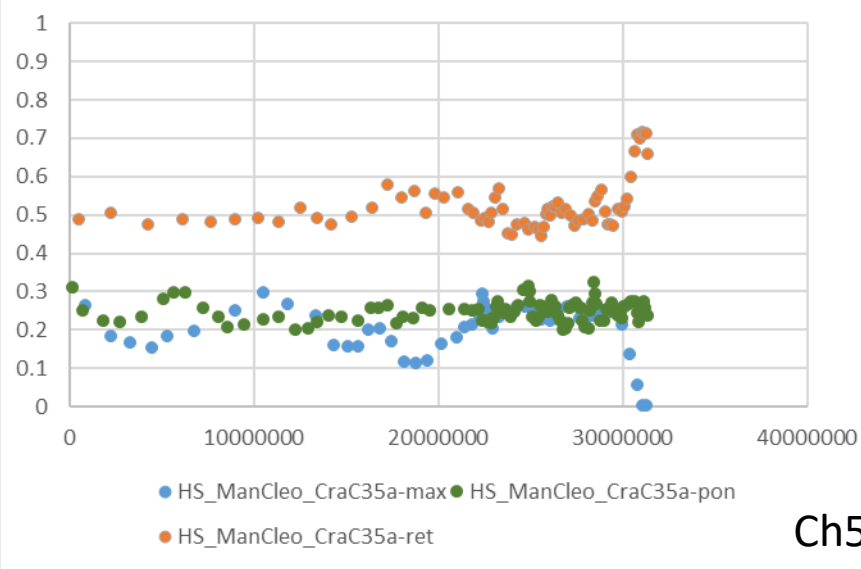
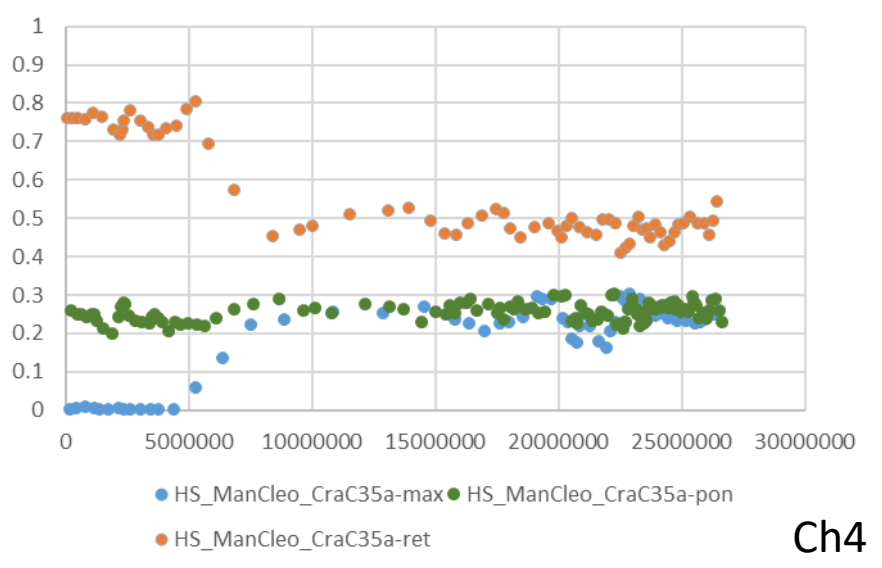
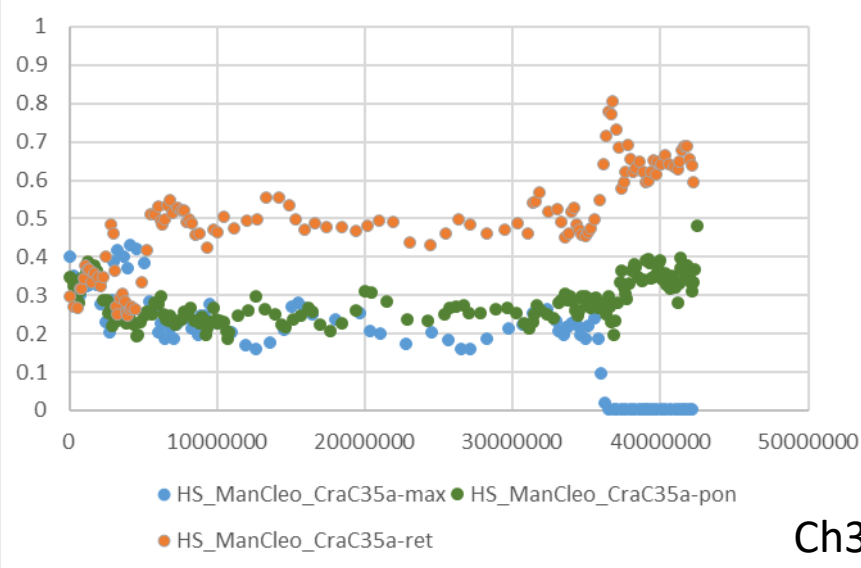
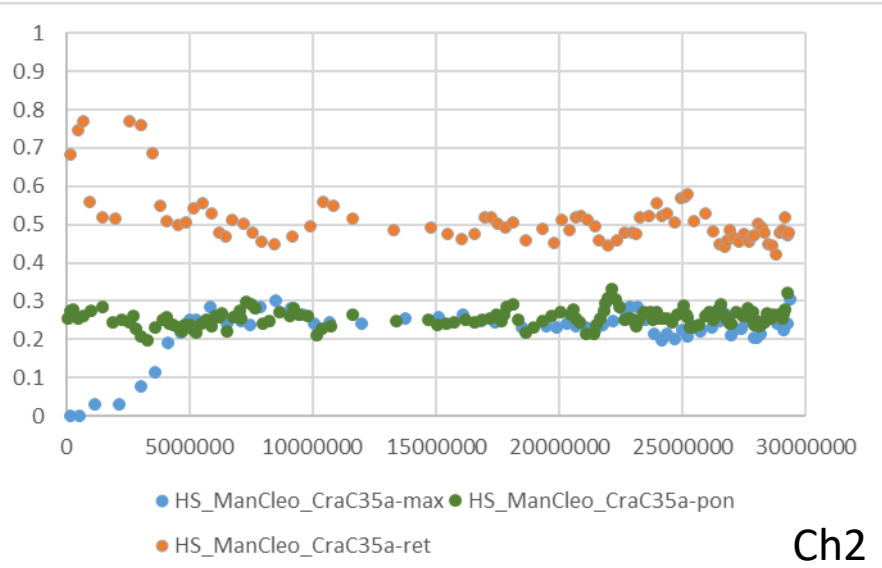
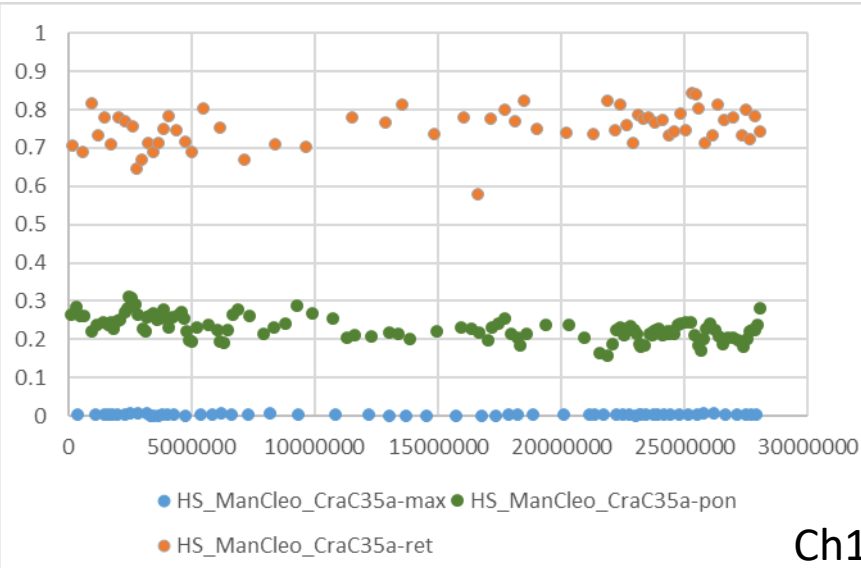
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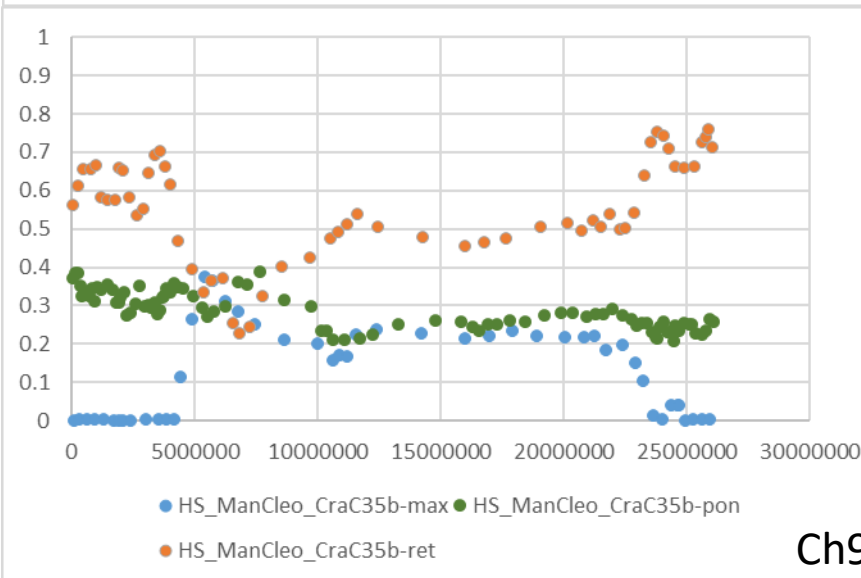
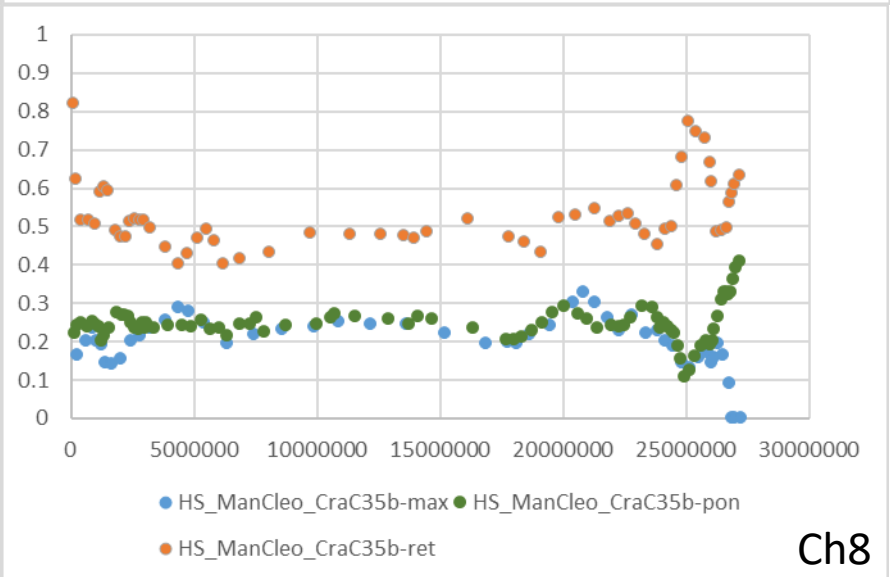
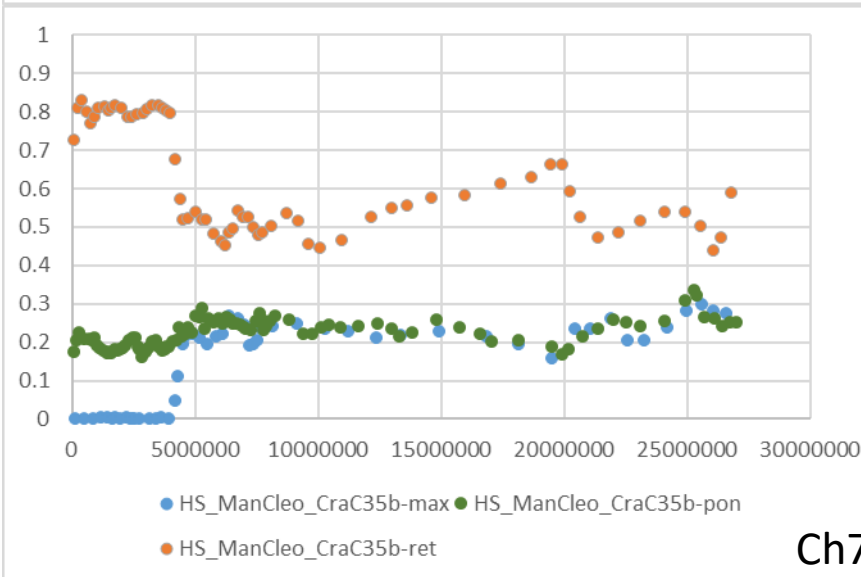
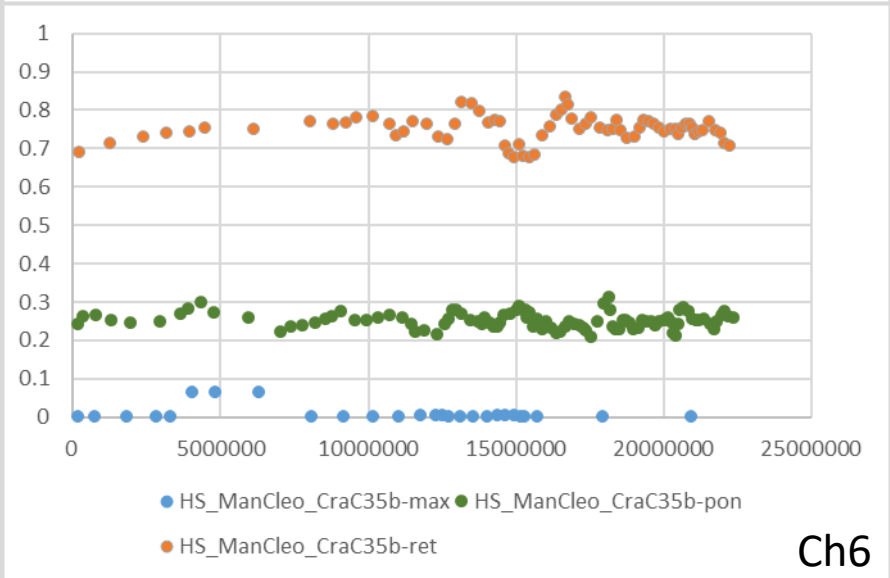
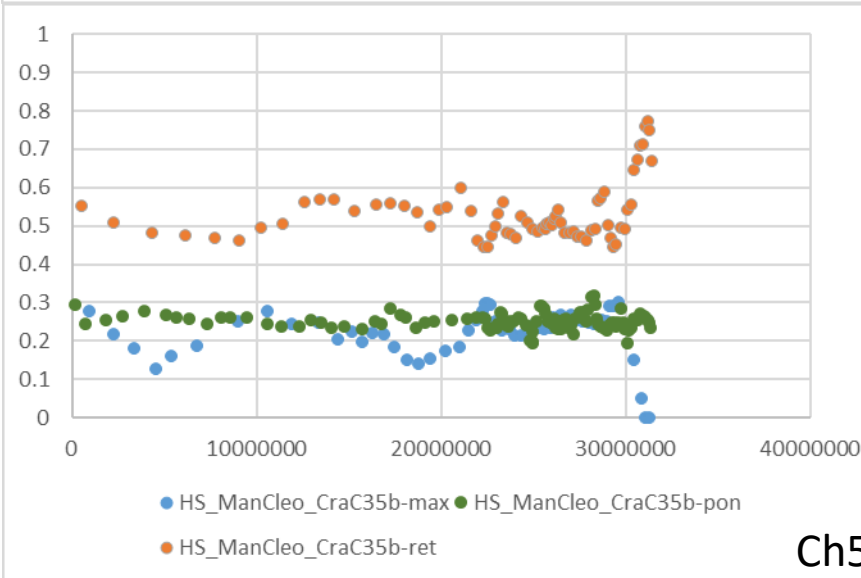
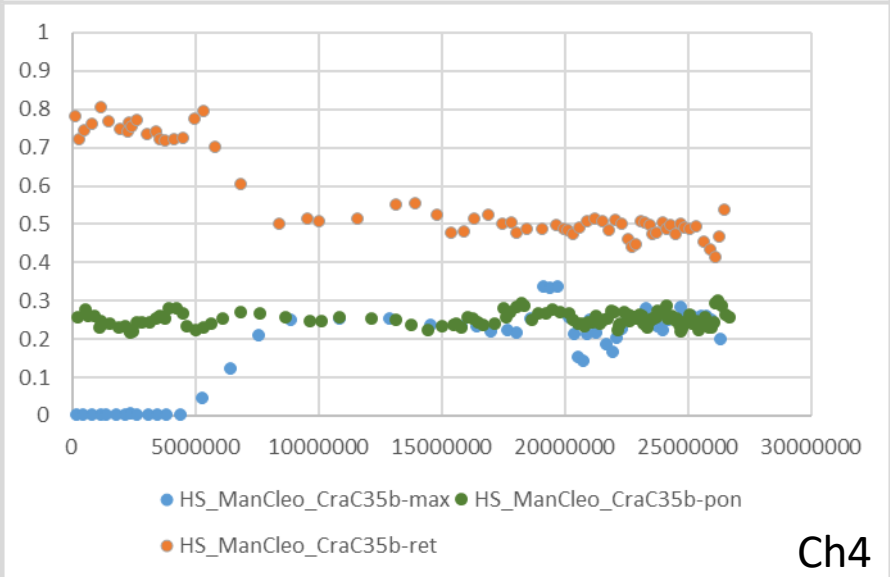
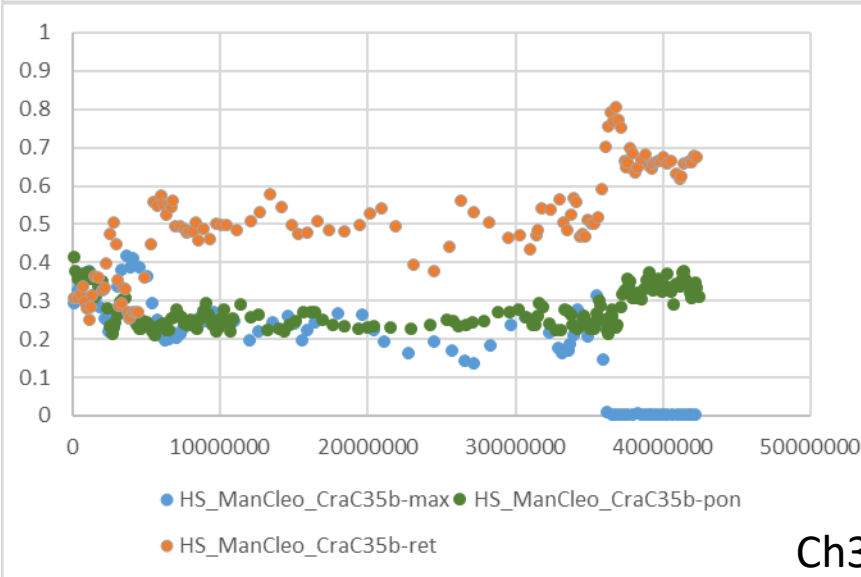
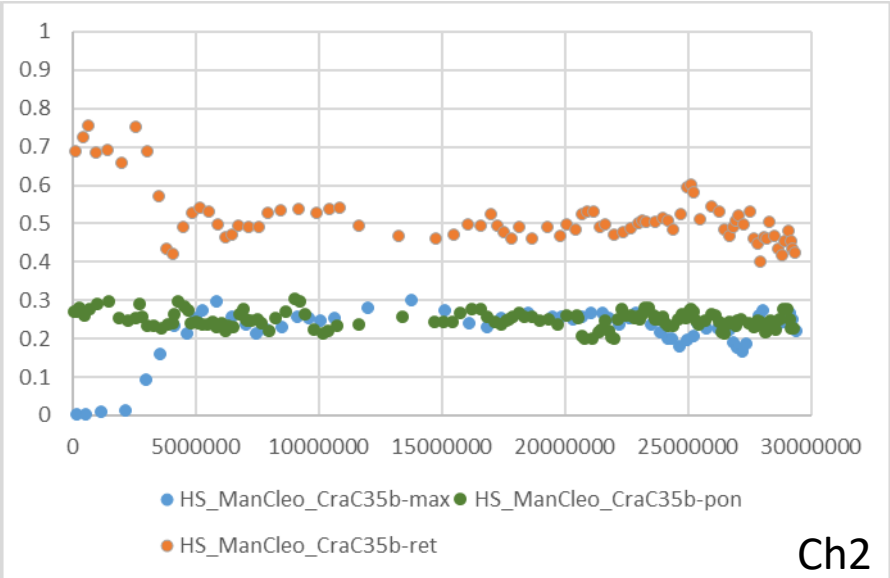
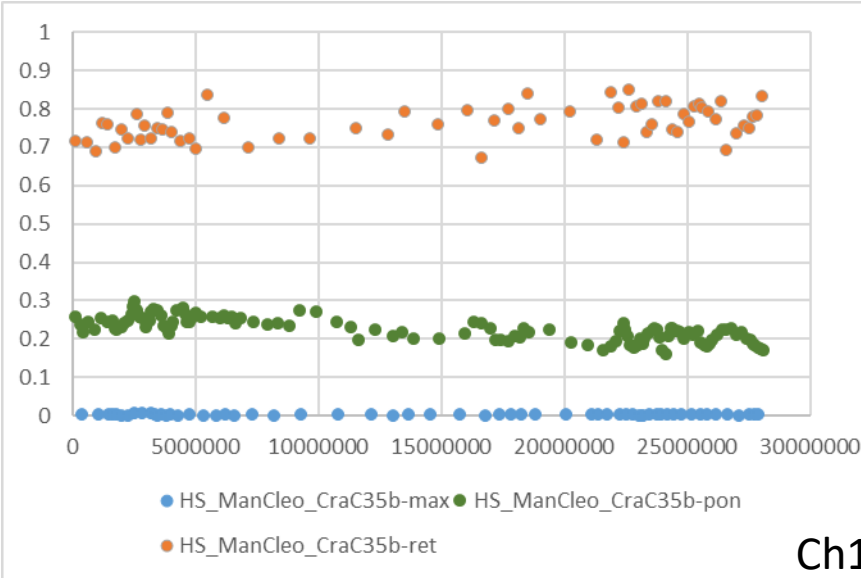
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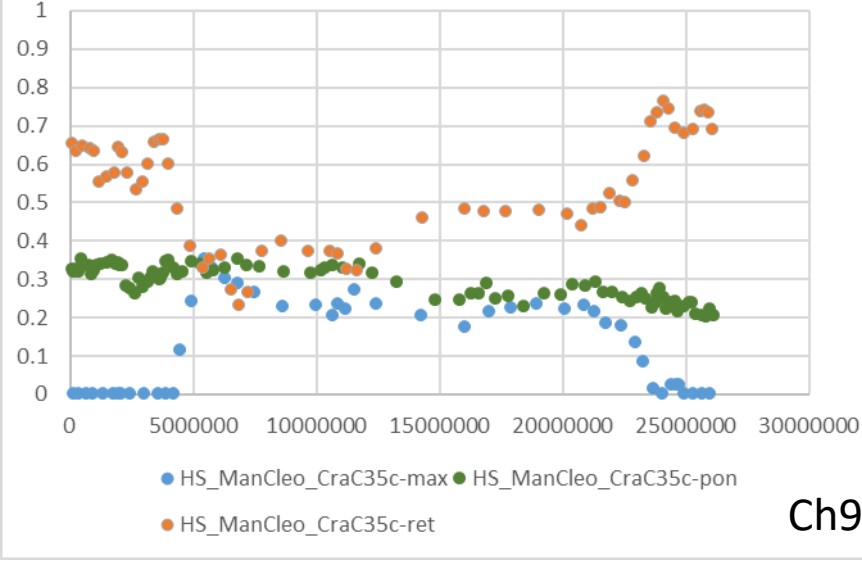
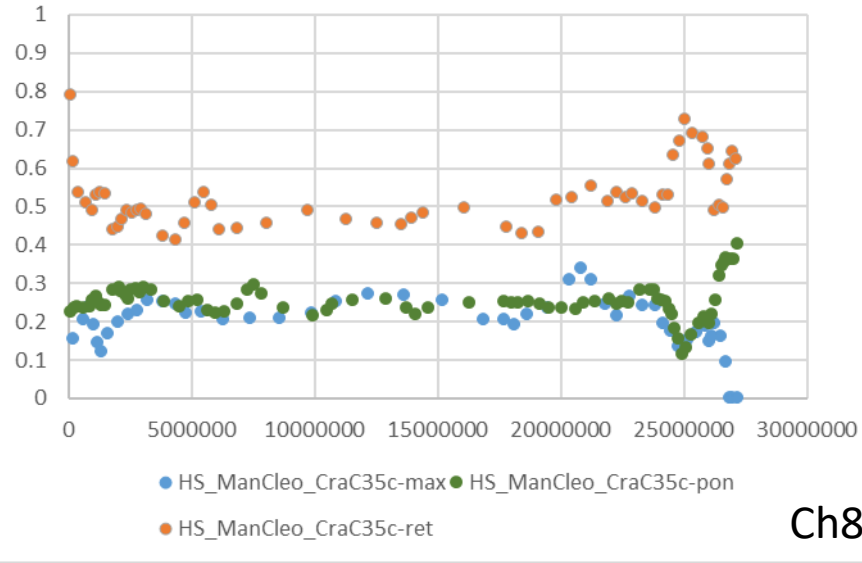
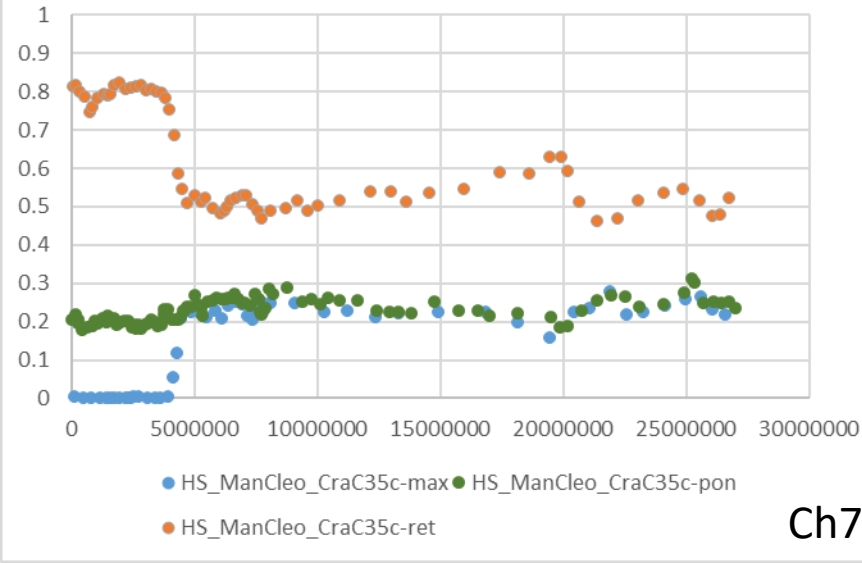
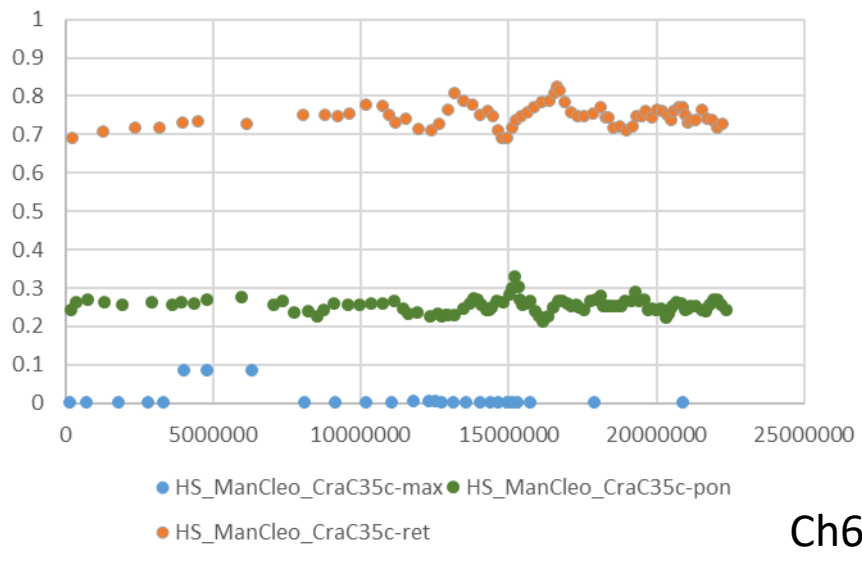
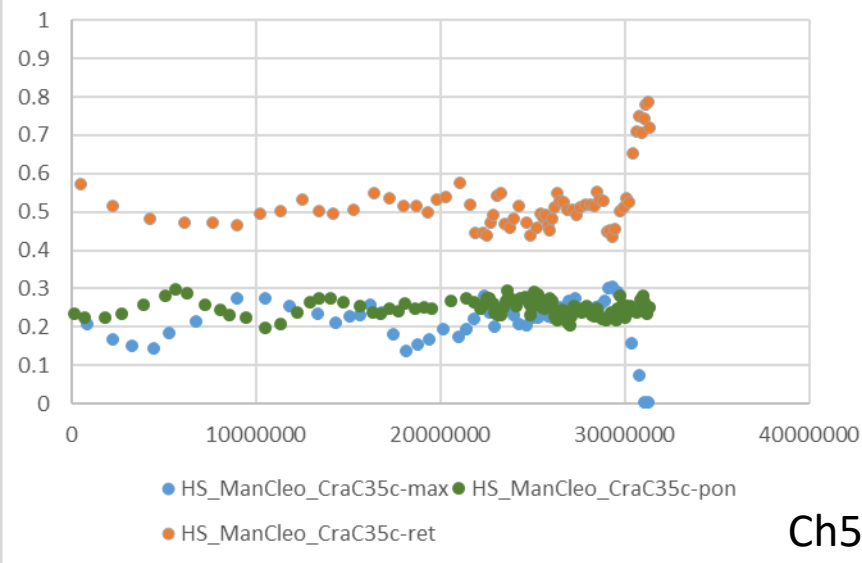
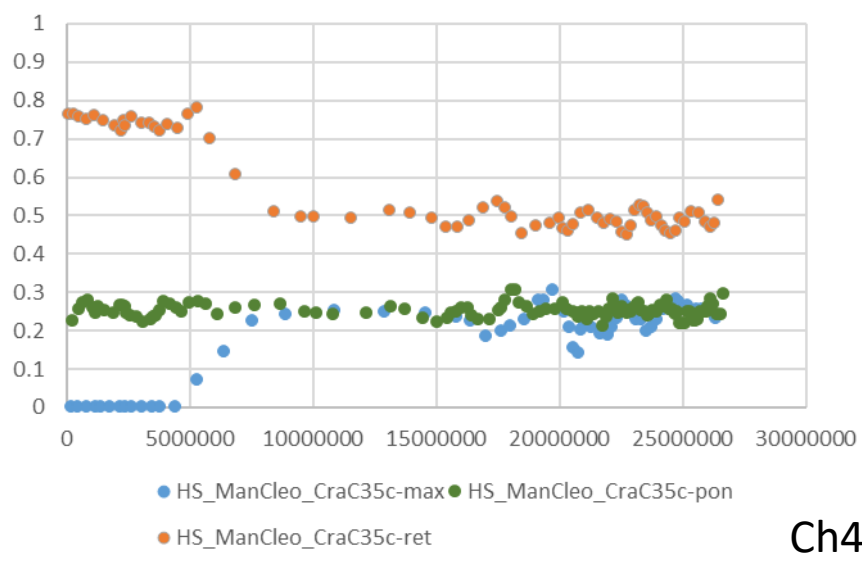
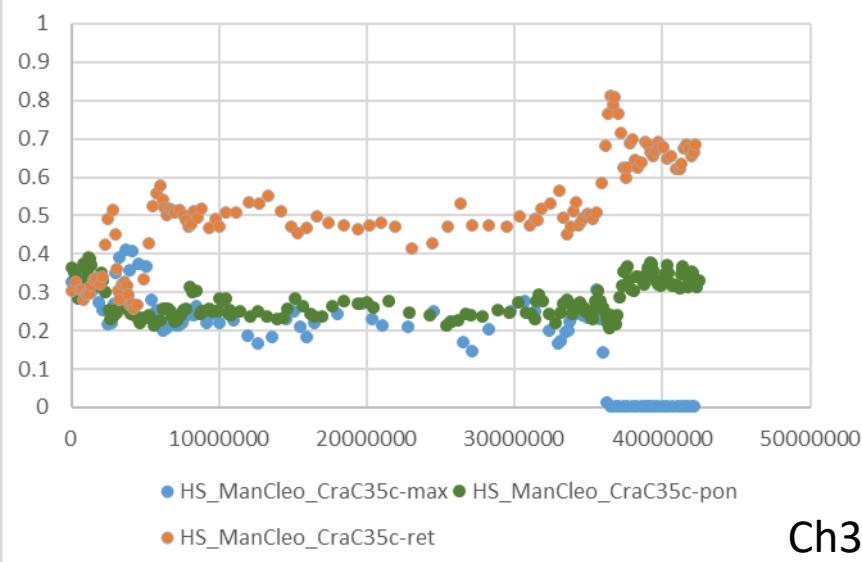
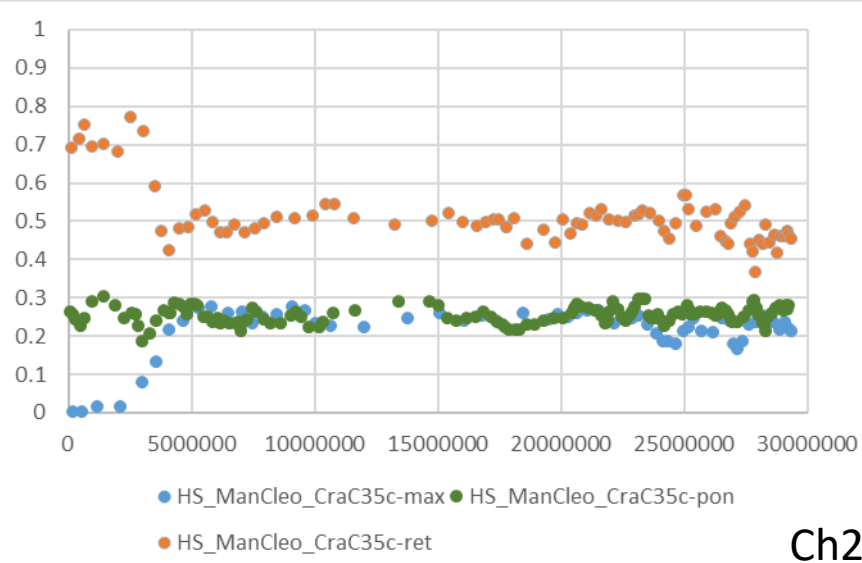
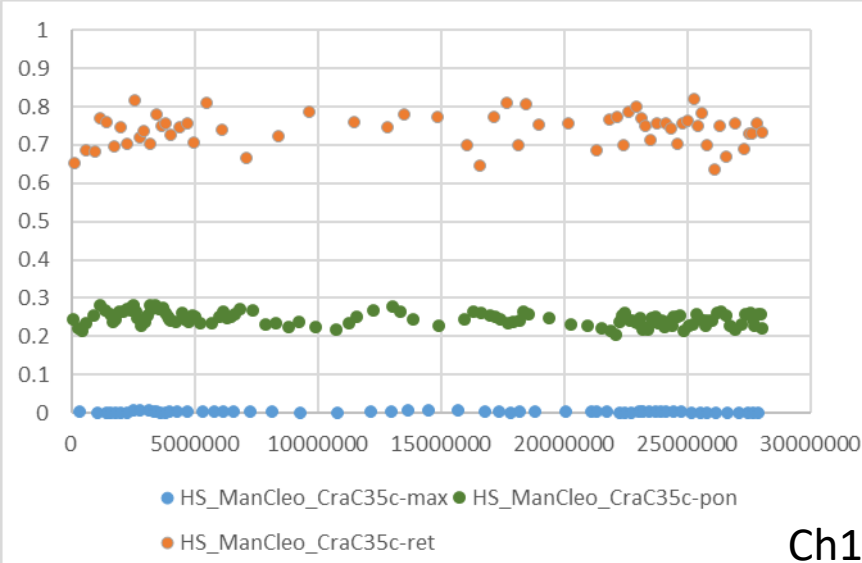
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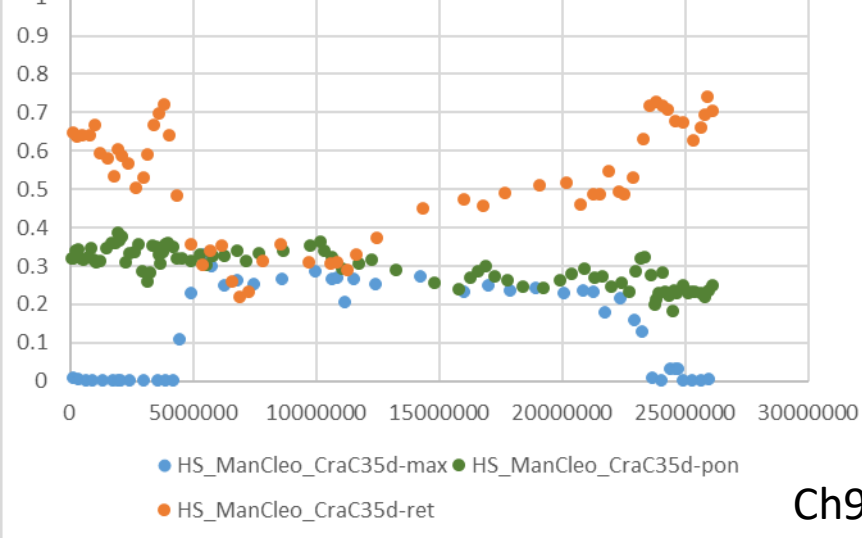
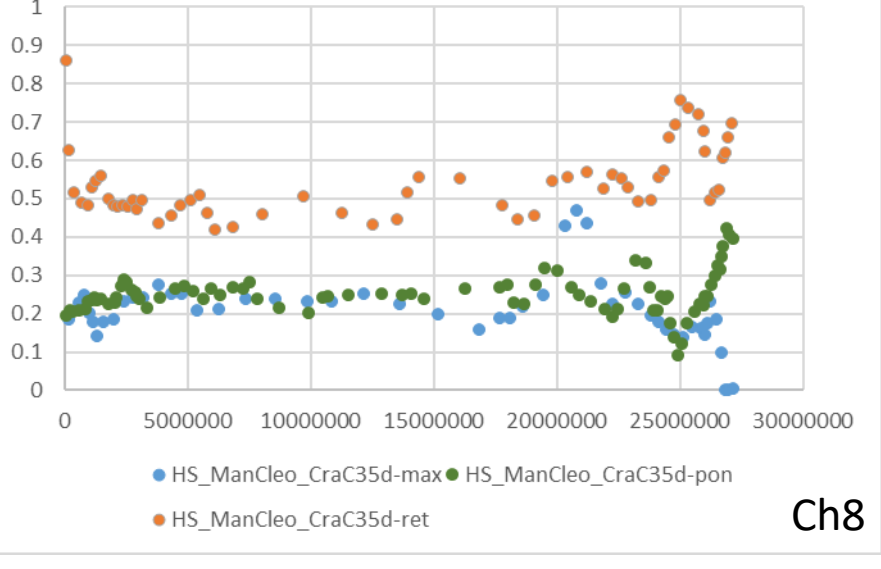
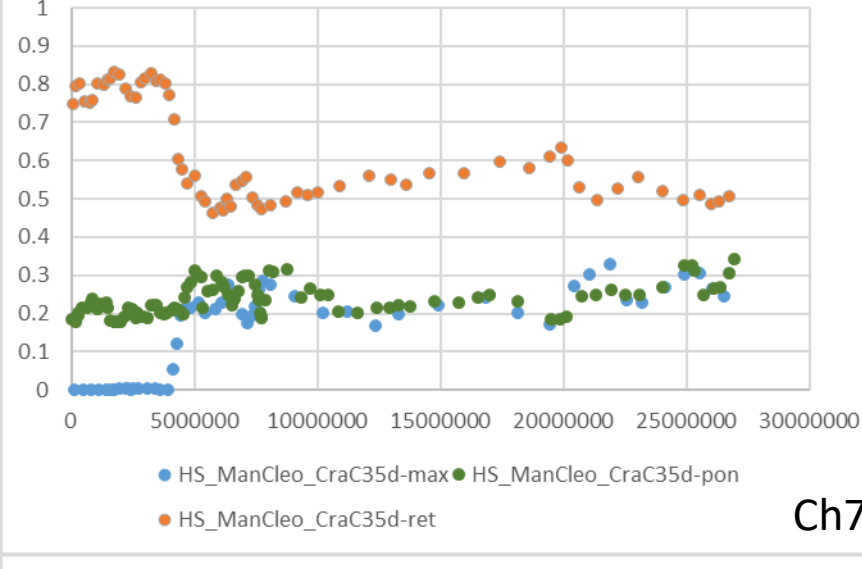
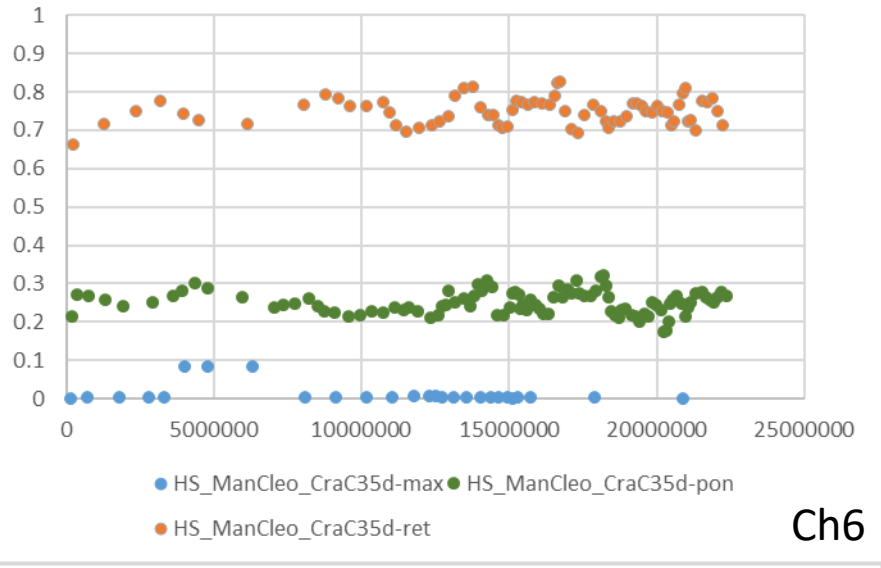
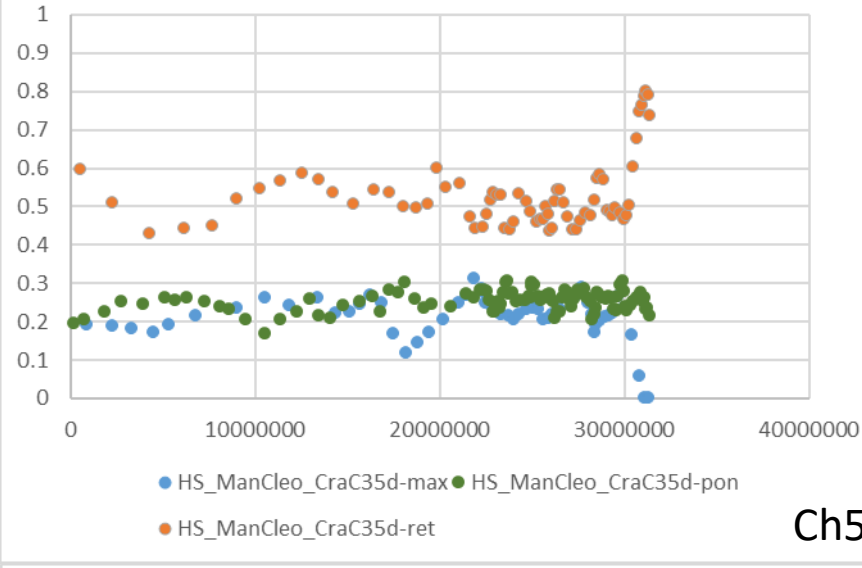
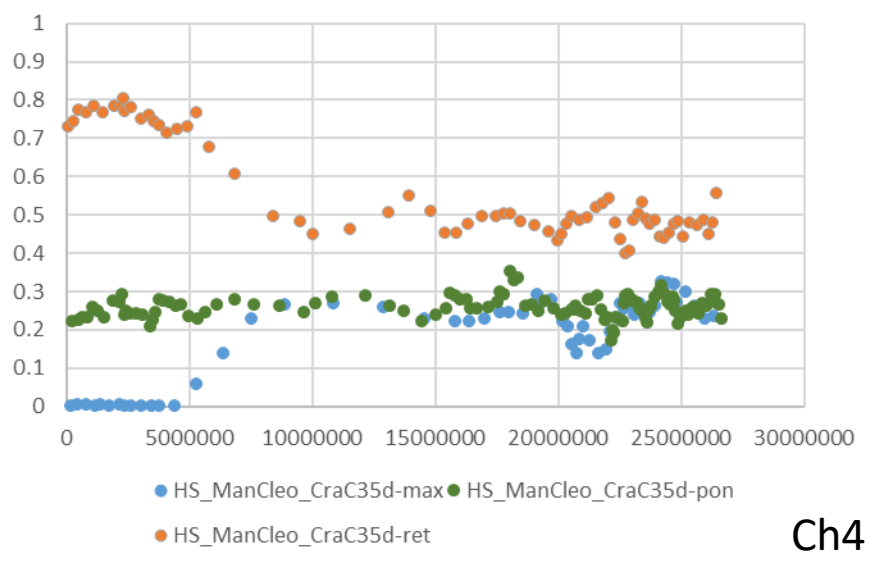
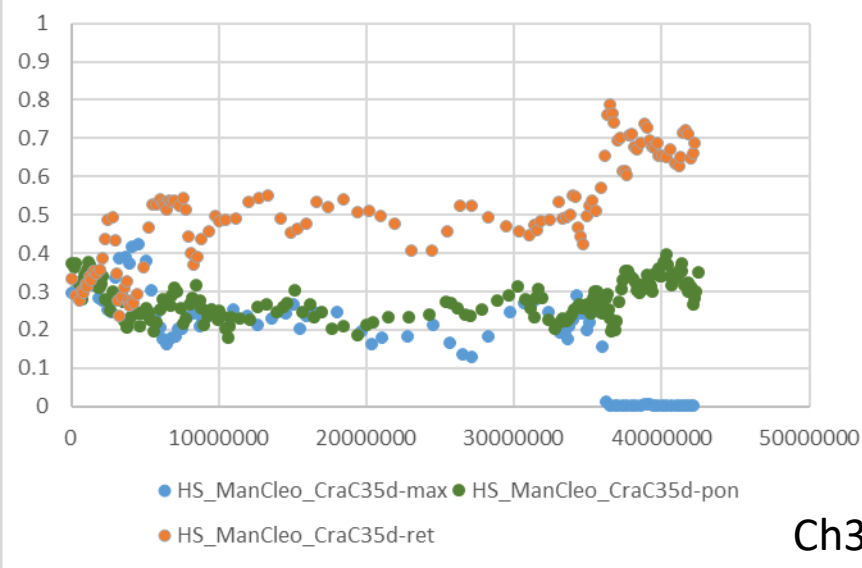
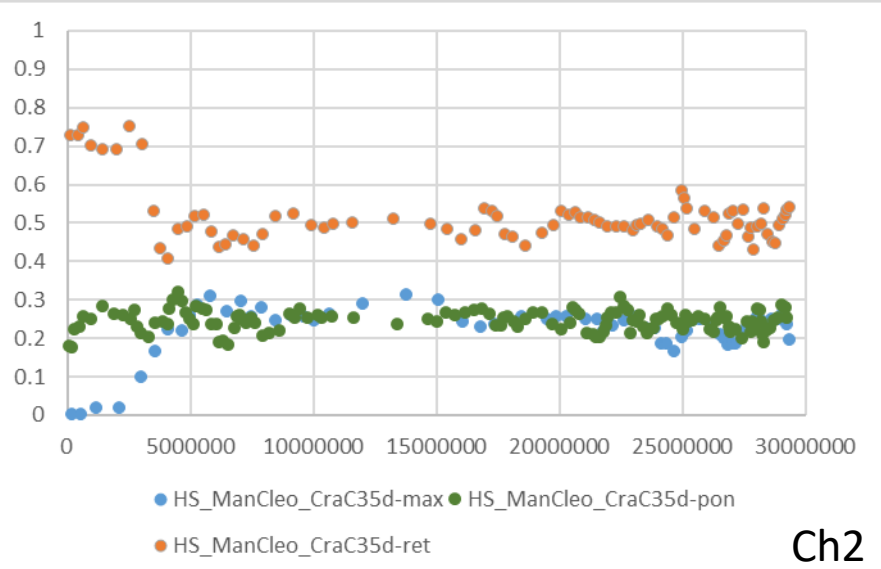
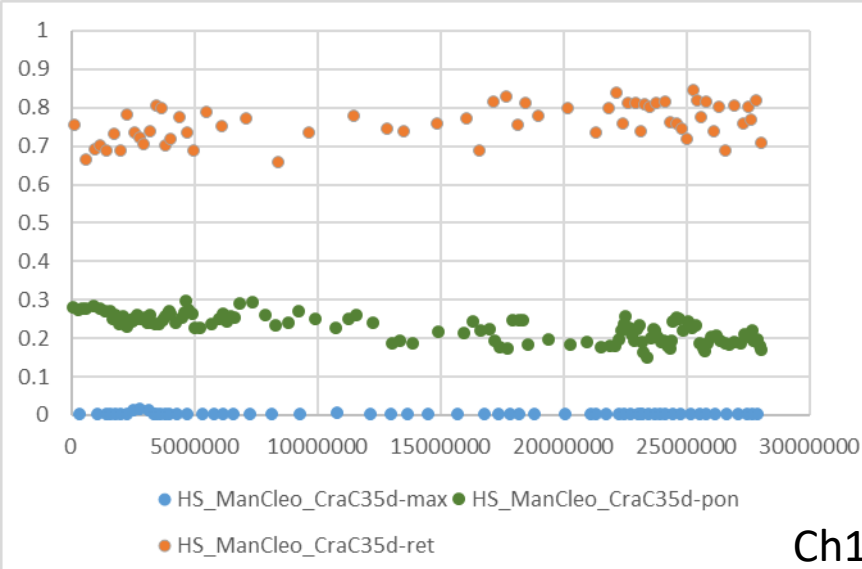
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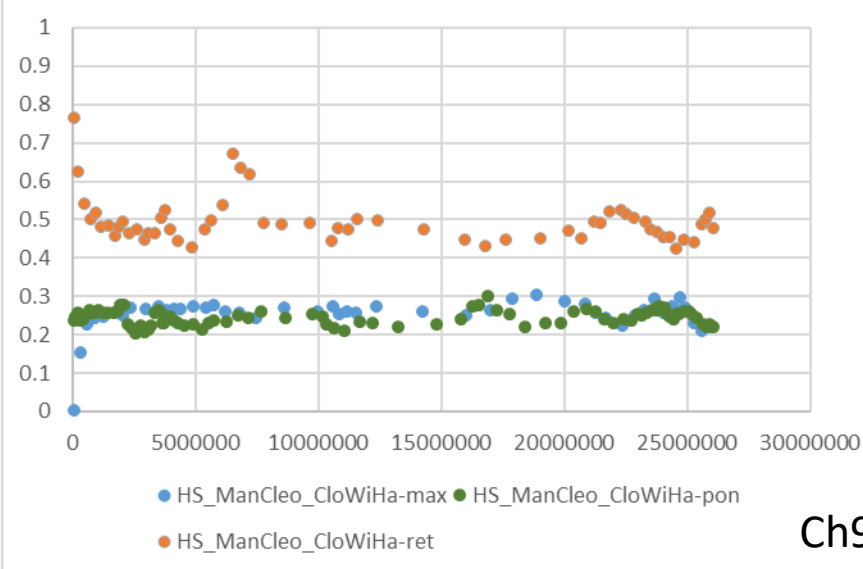
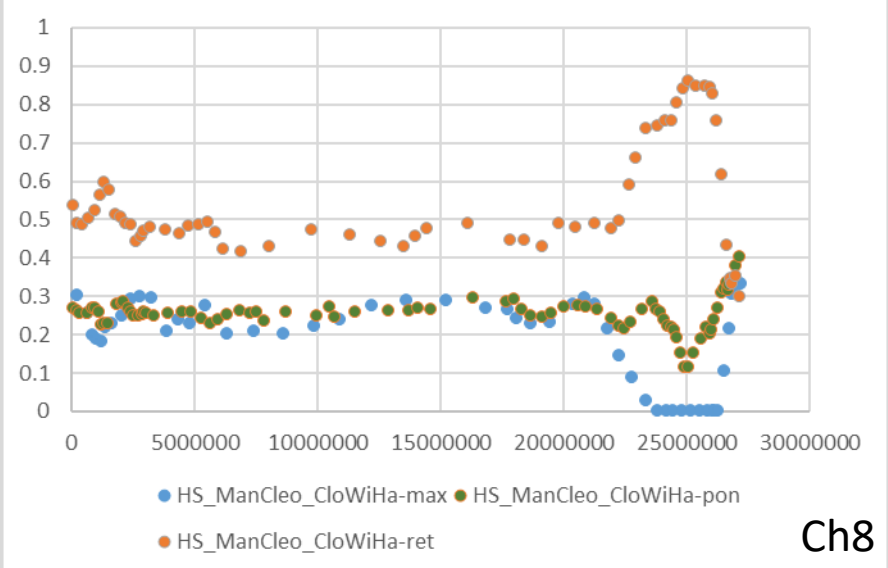
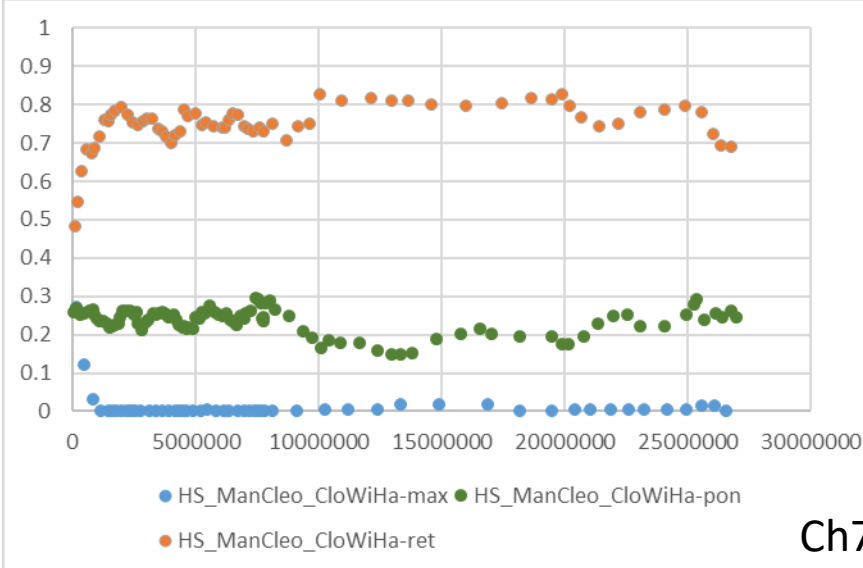
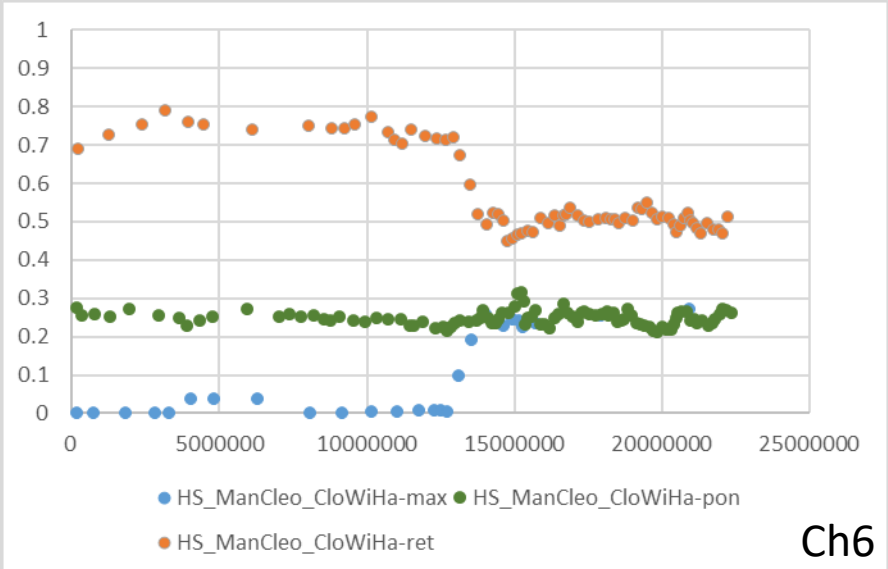
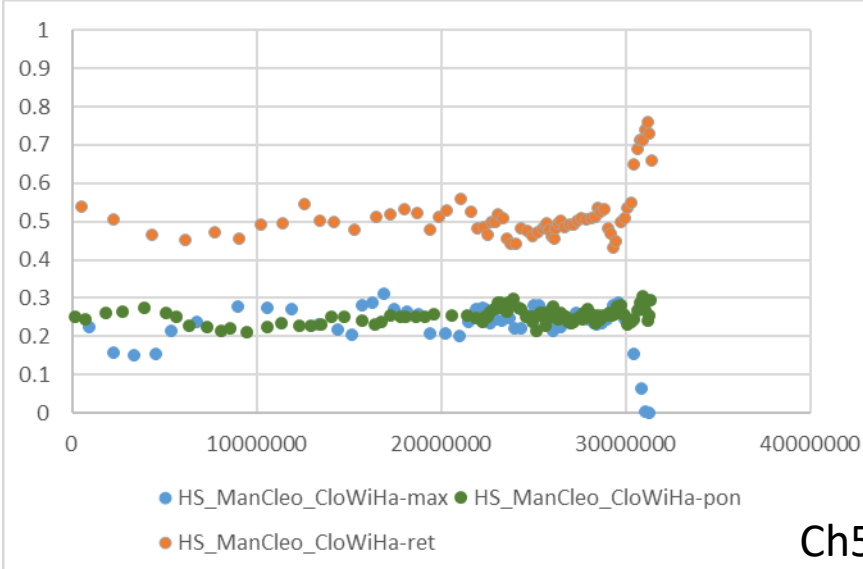
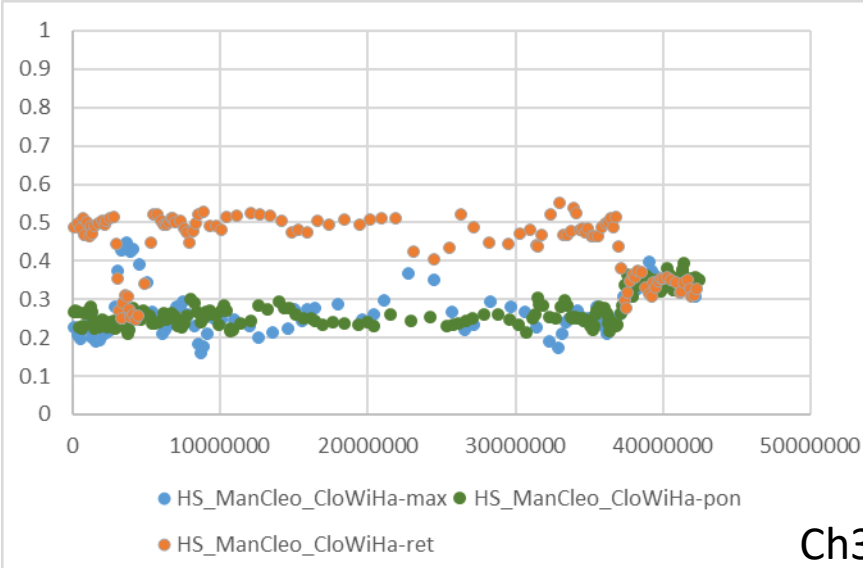
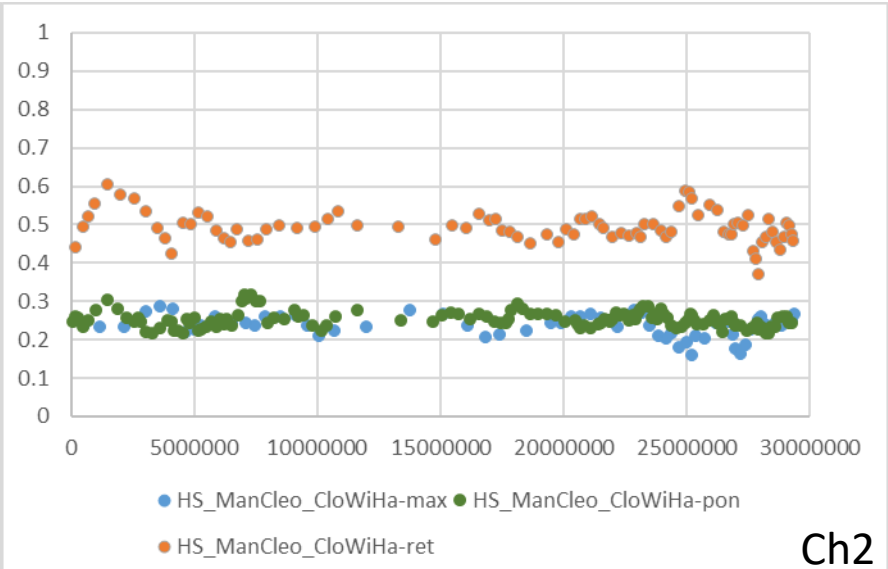
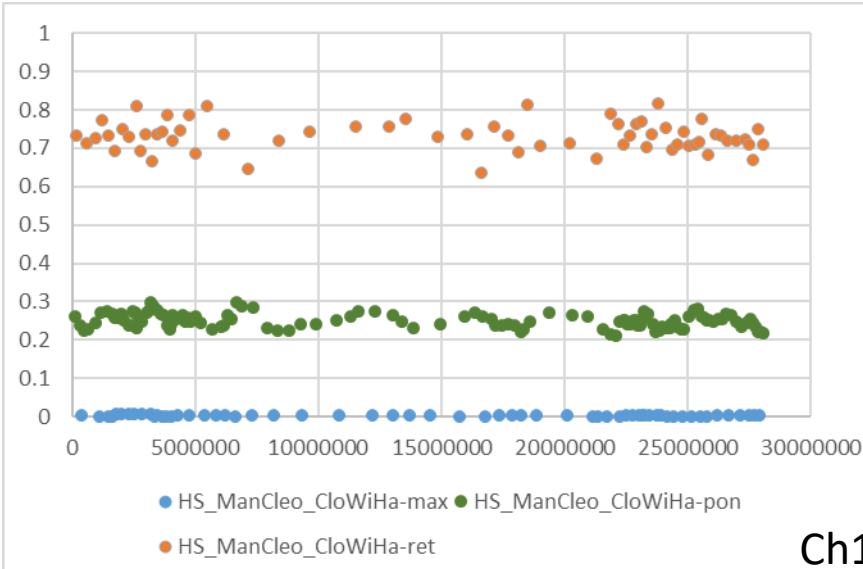
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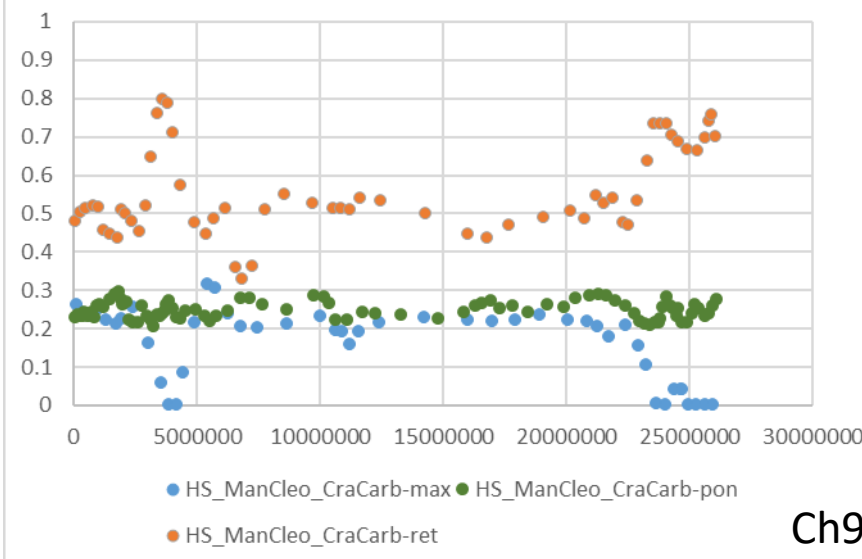
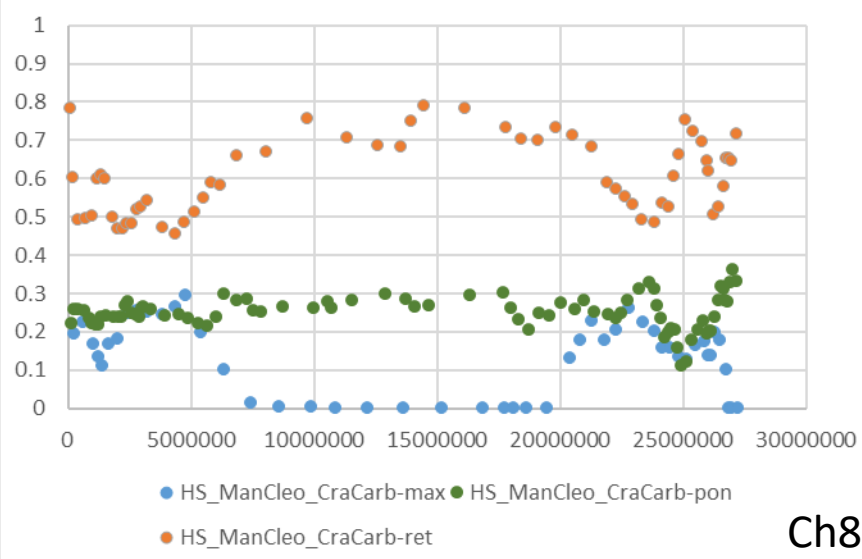
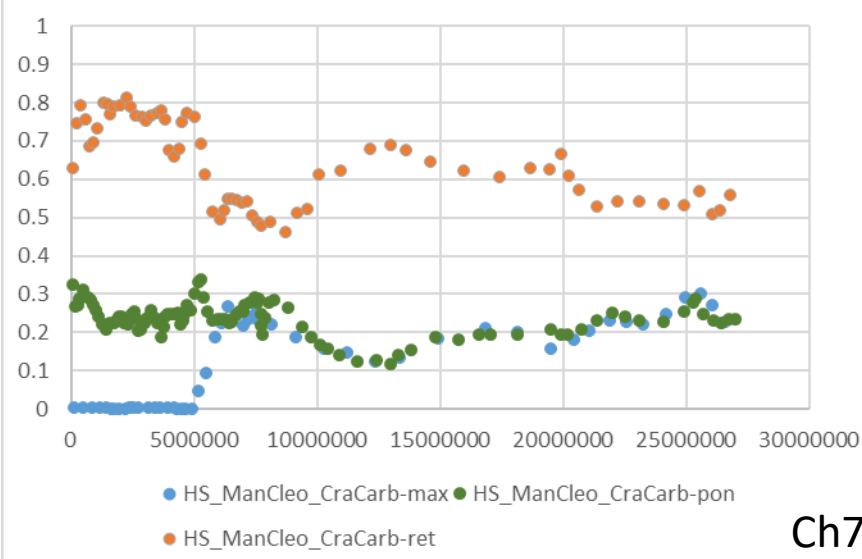
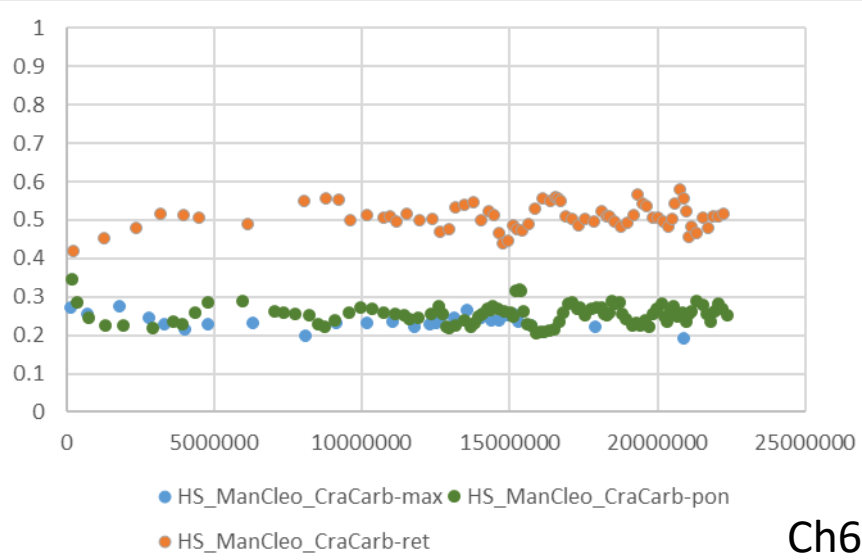
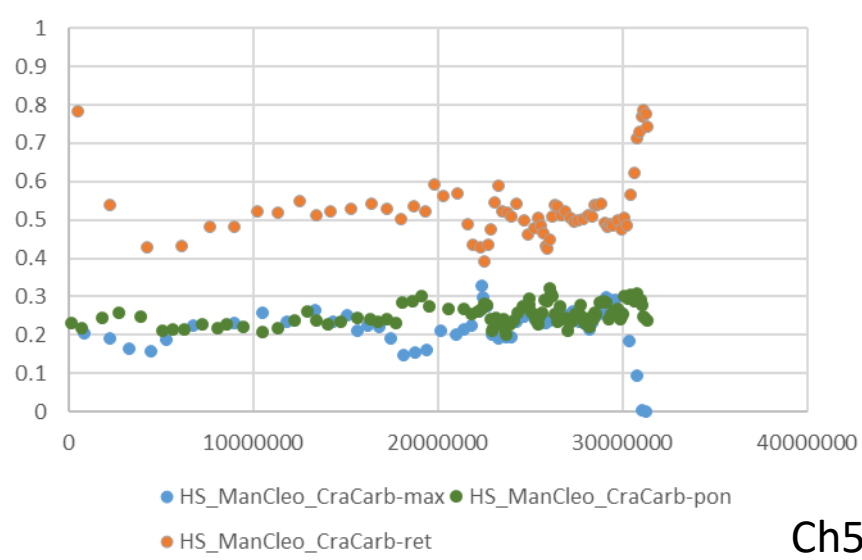
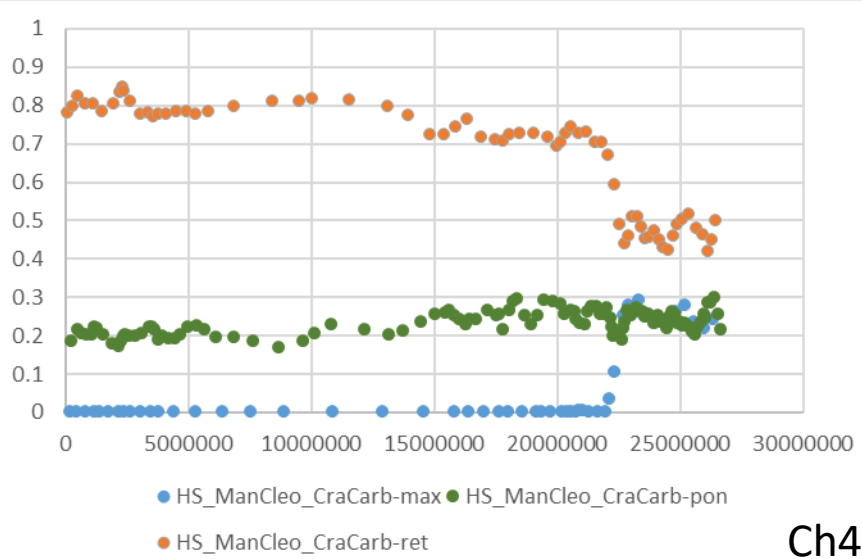
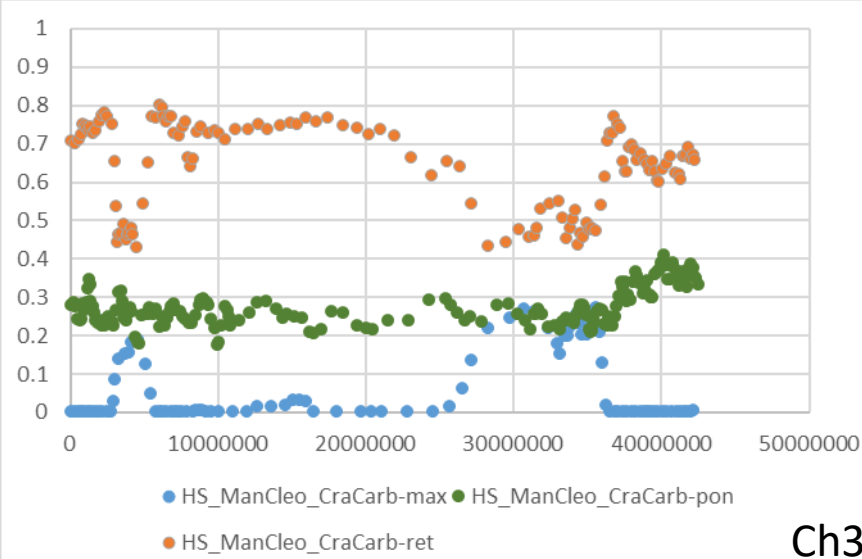
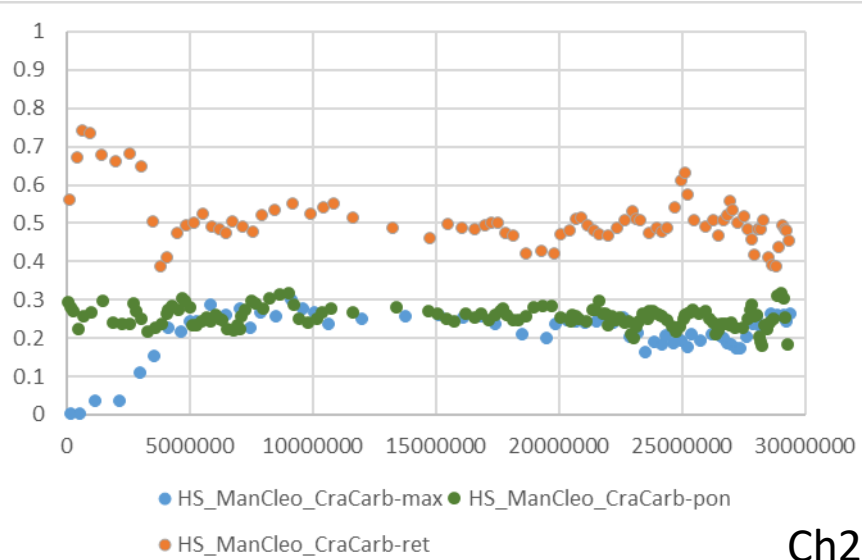
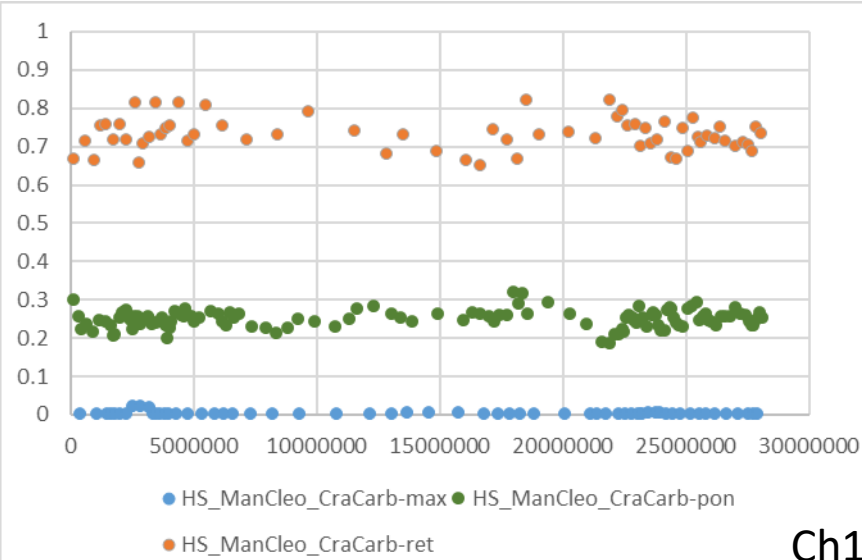
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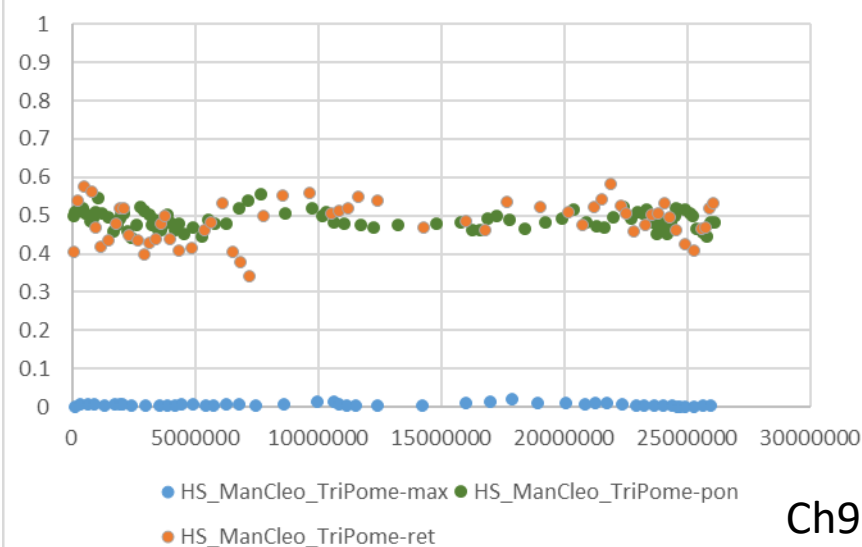
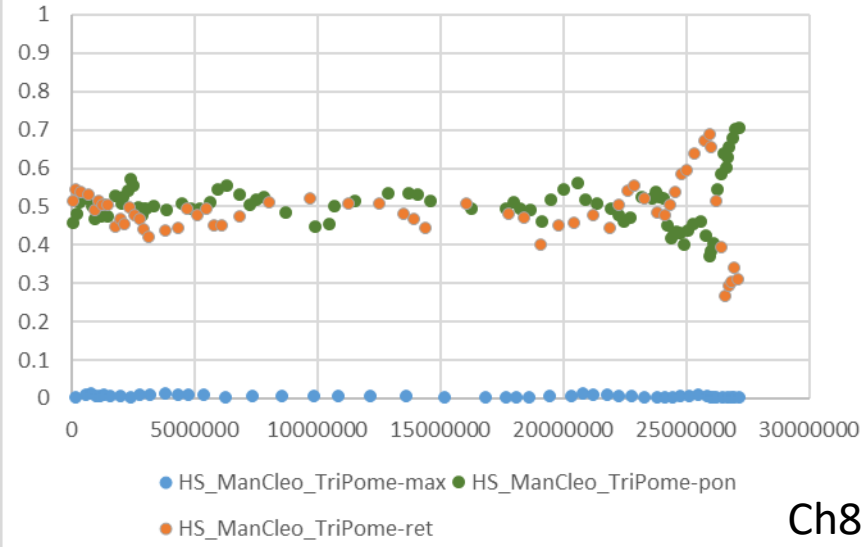
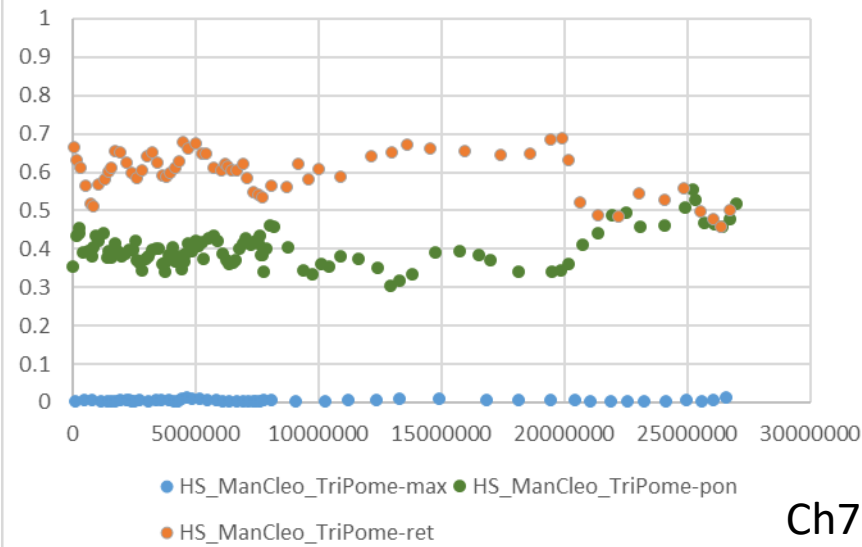
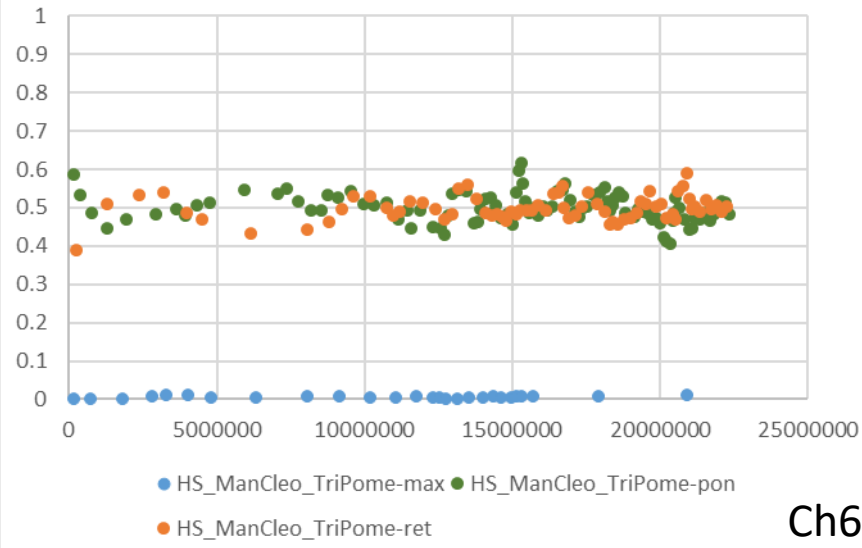
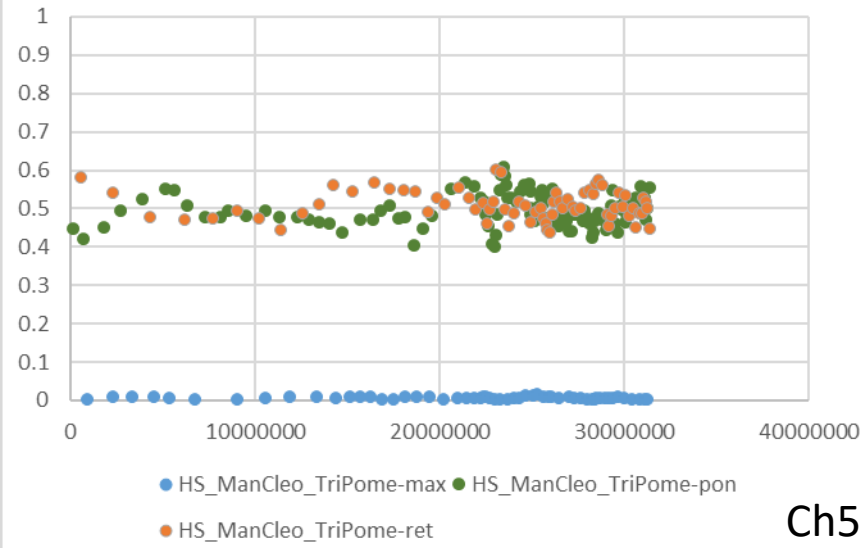
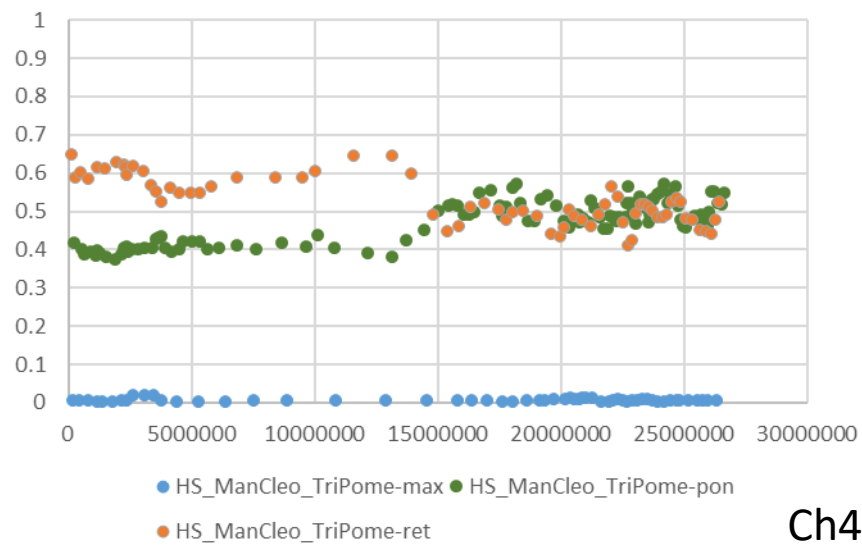
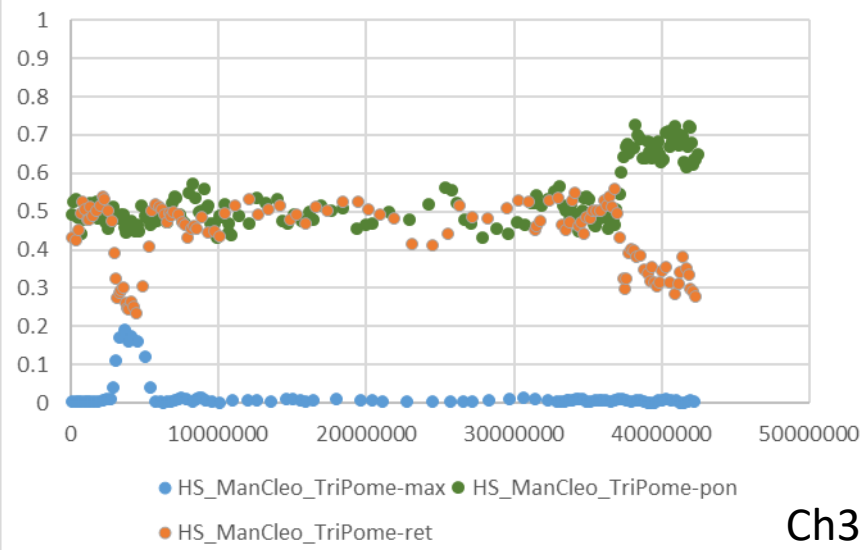
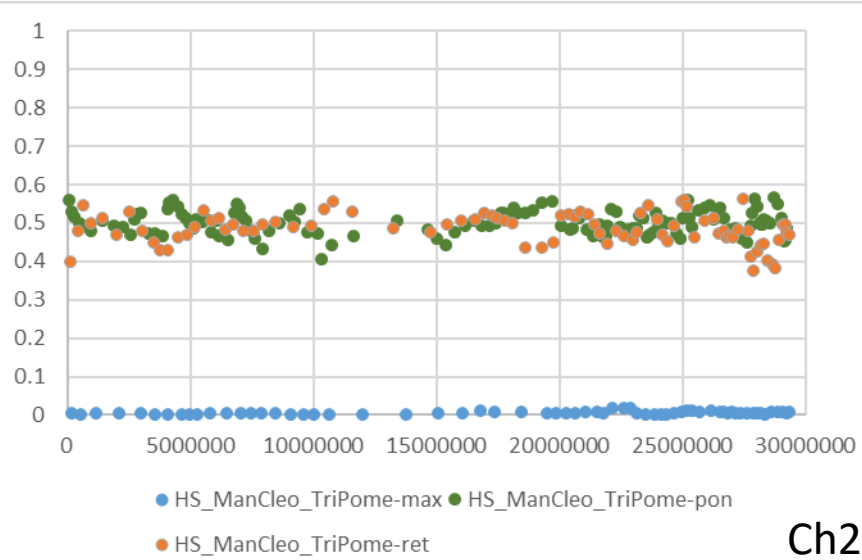
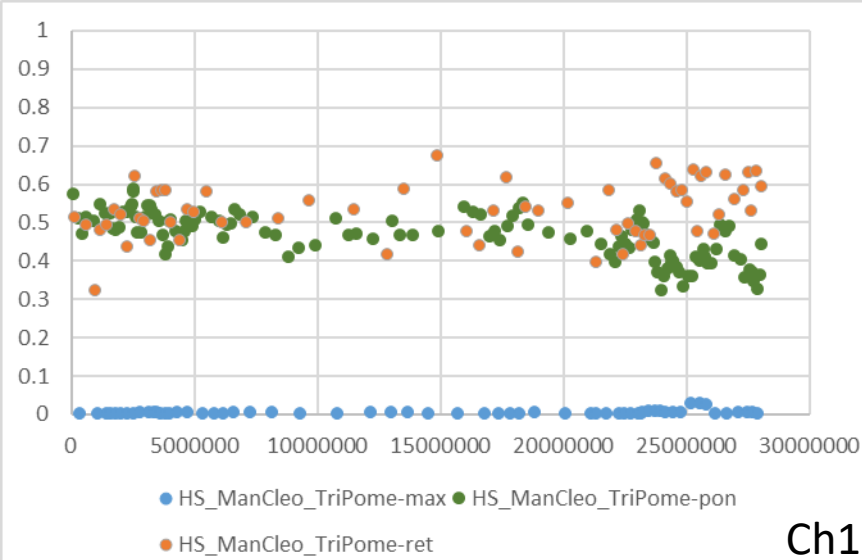
HS_MandCleo_CraC35d



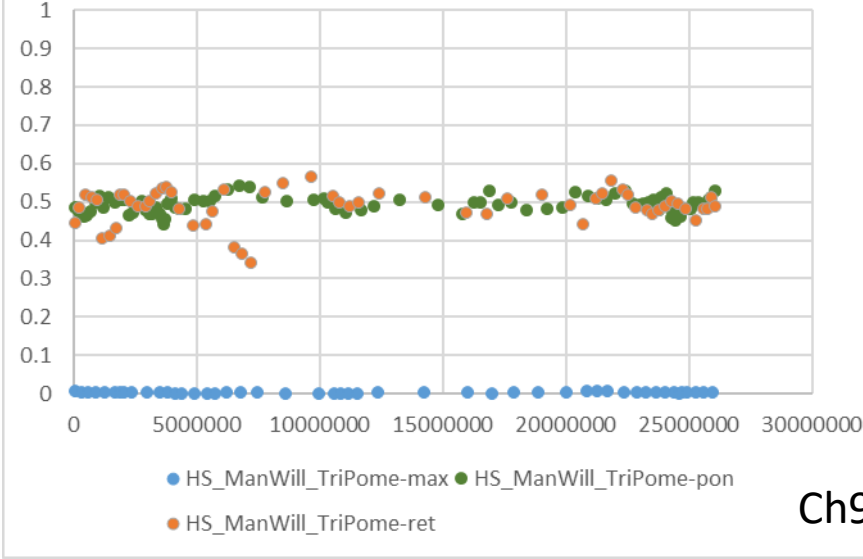
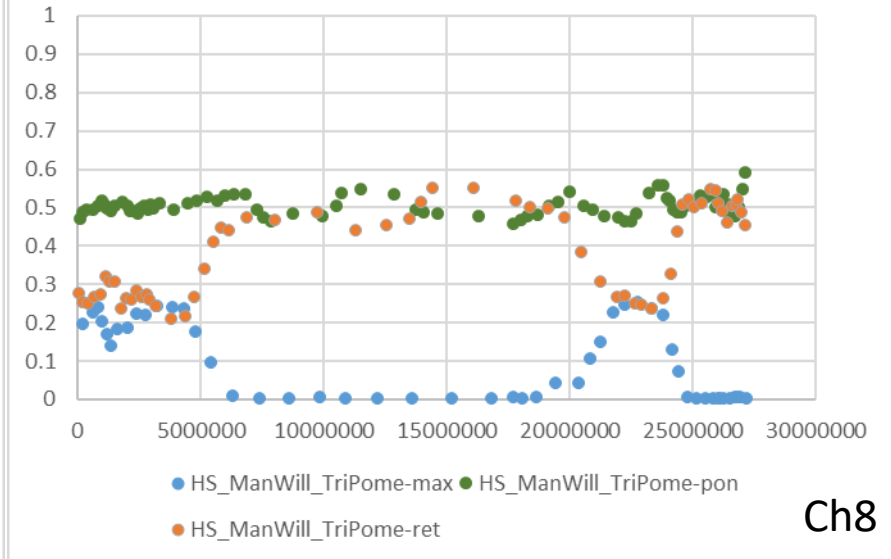
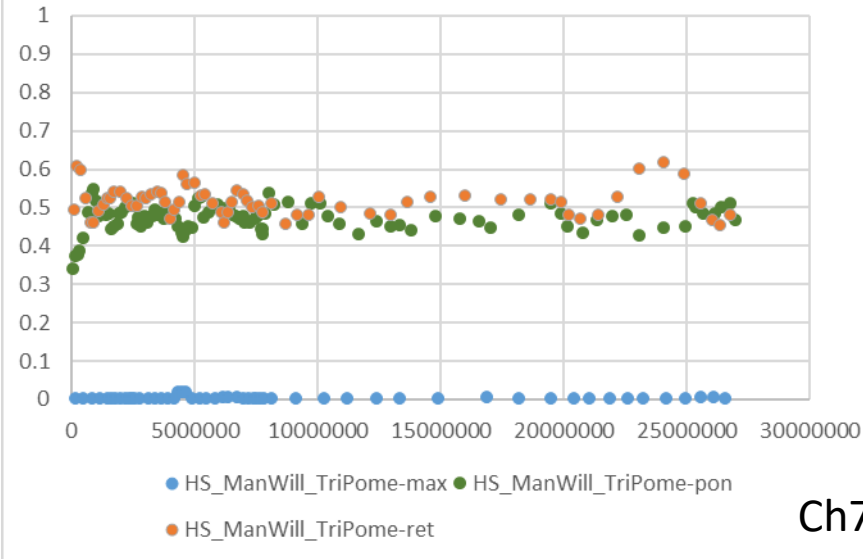
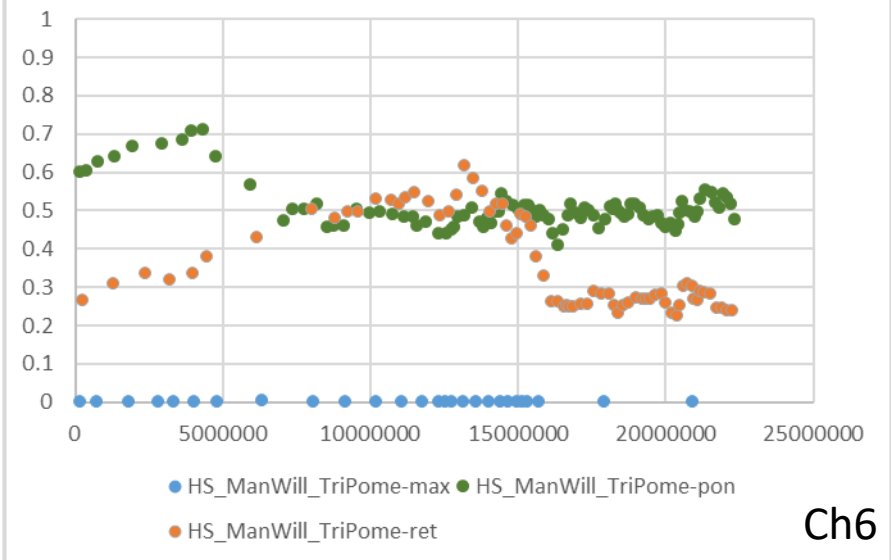
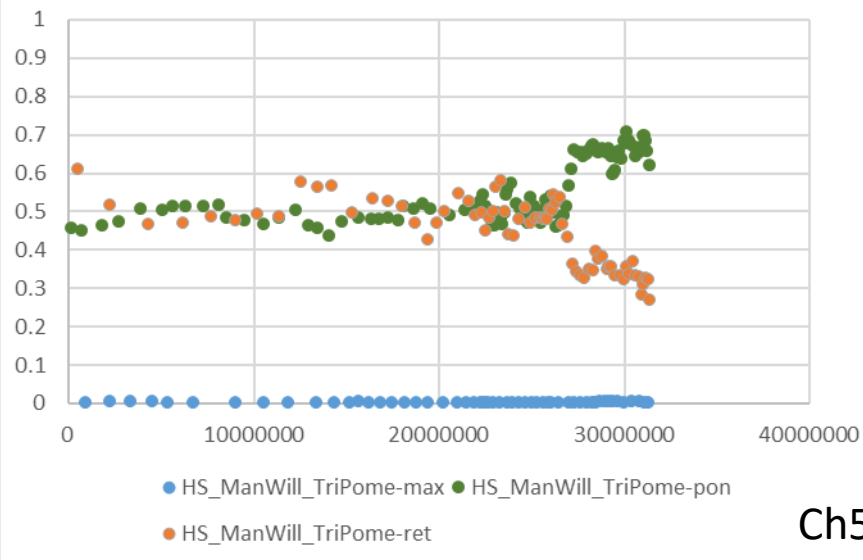
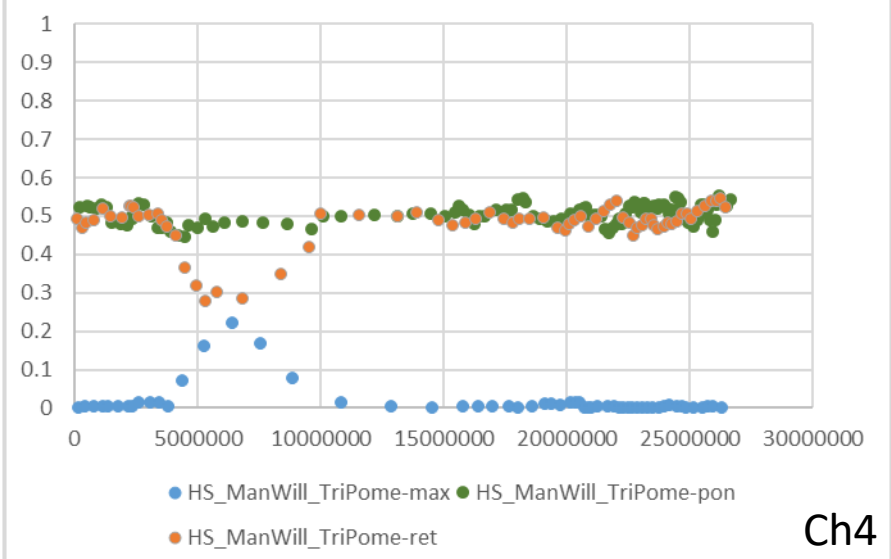
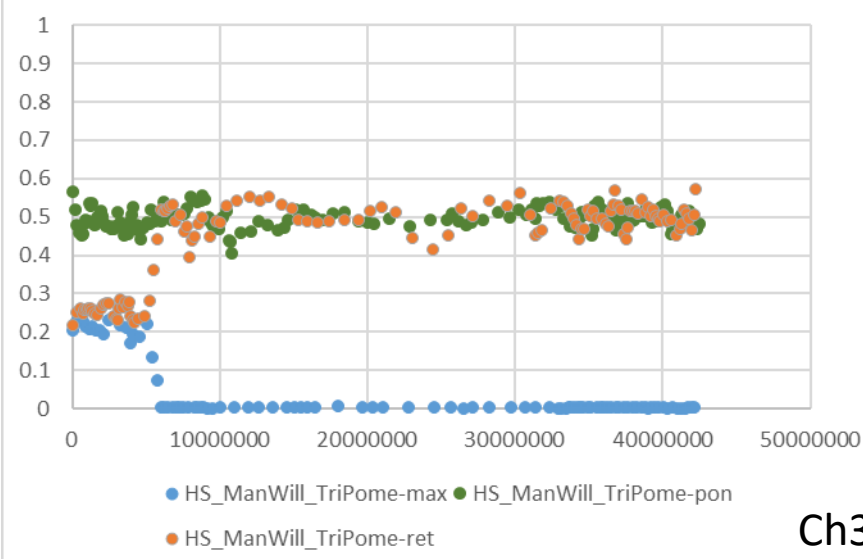
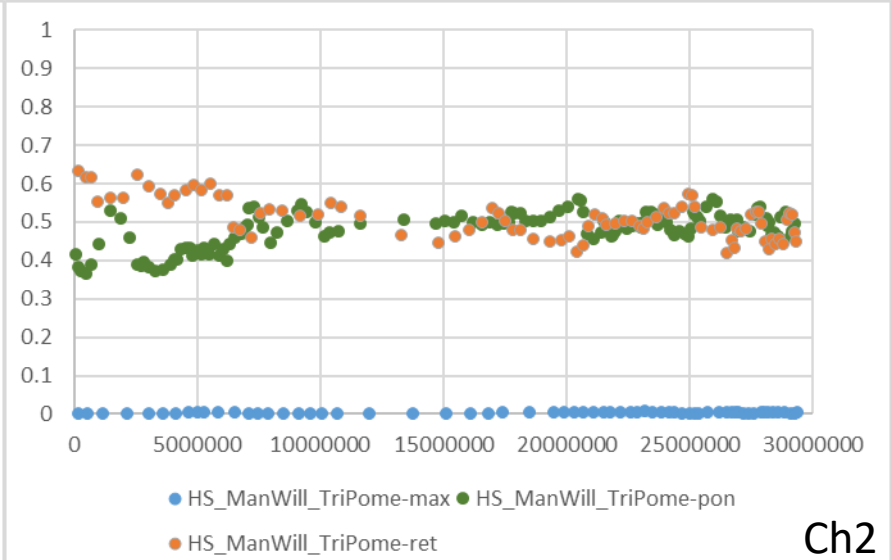
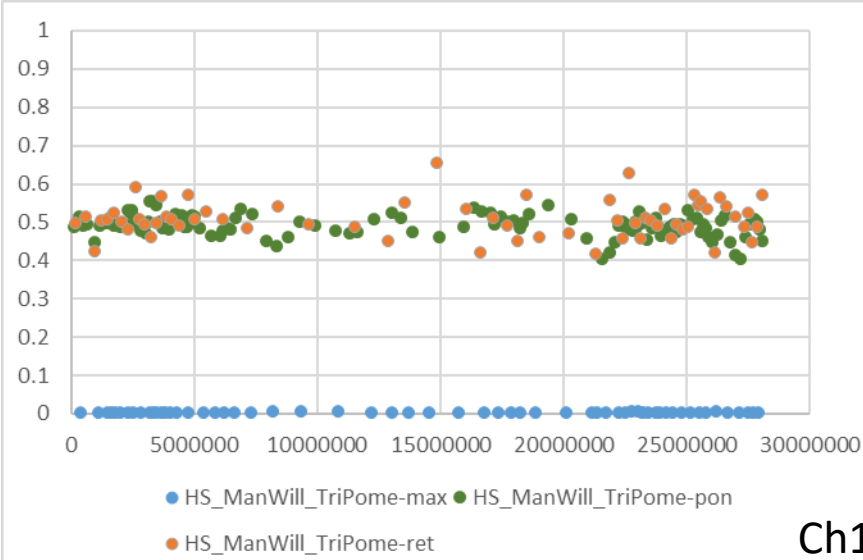
HS_ManCleo_CloWiHa



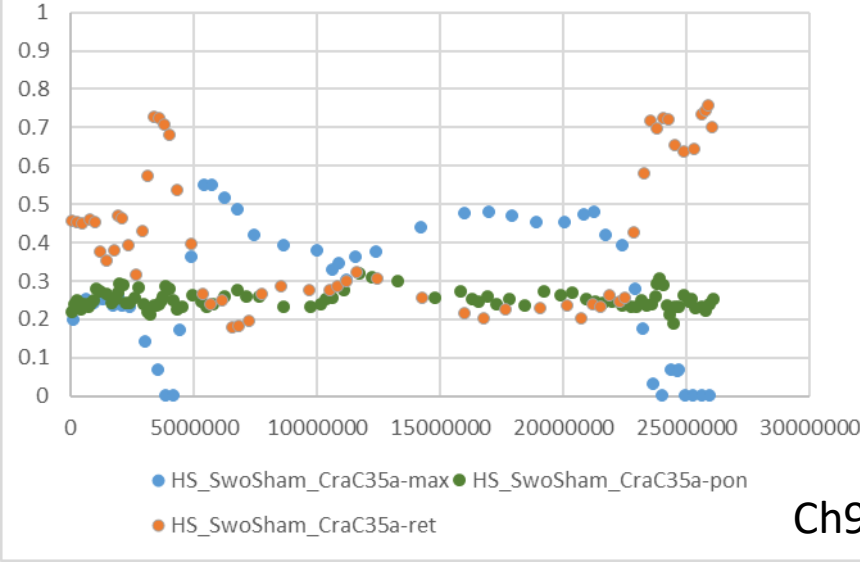
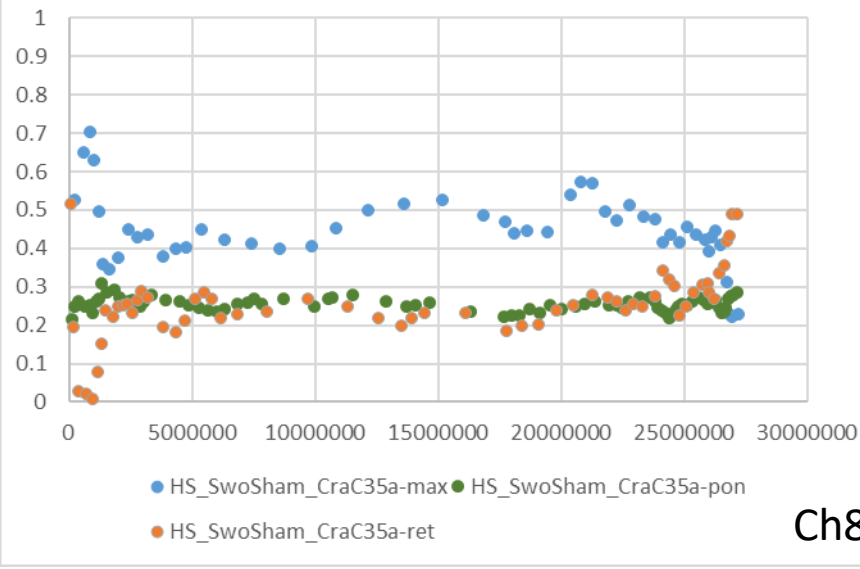
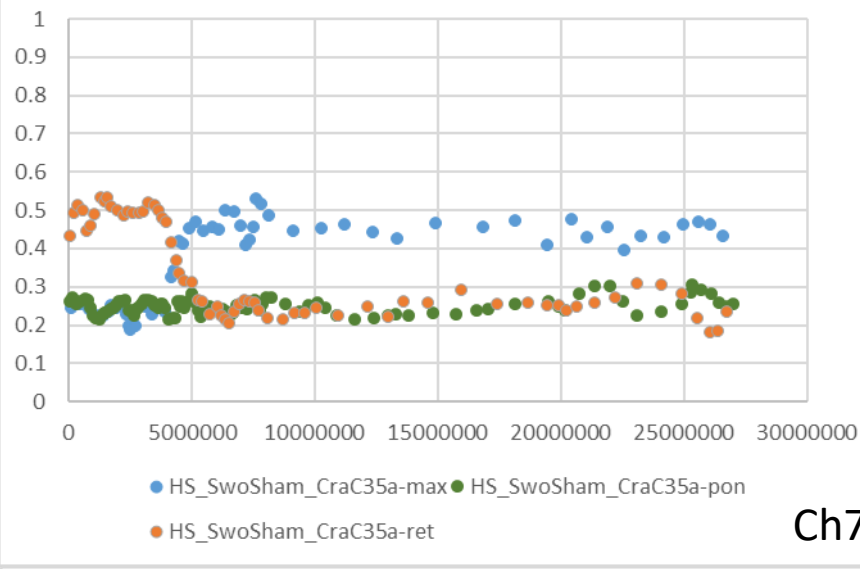
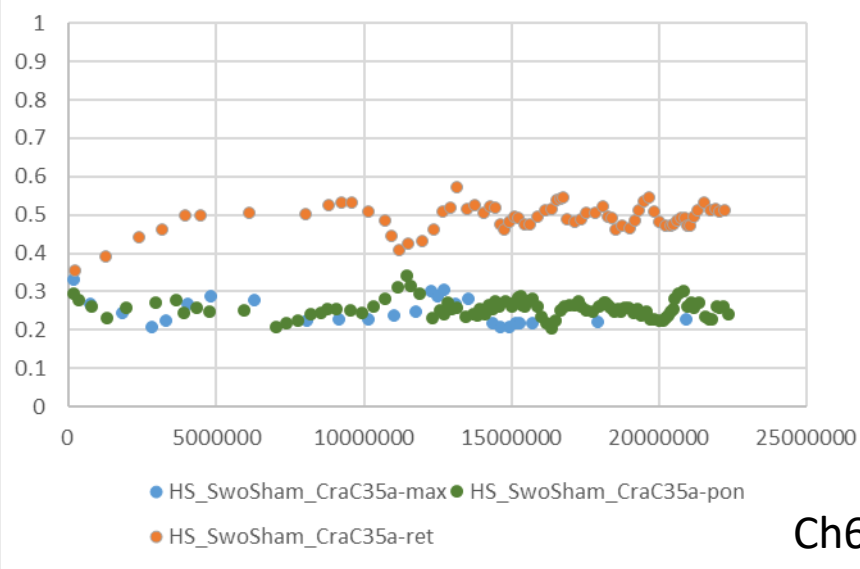
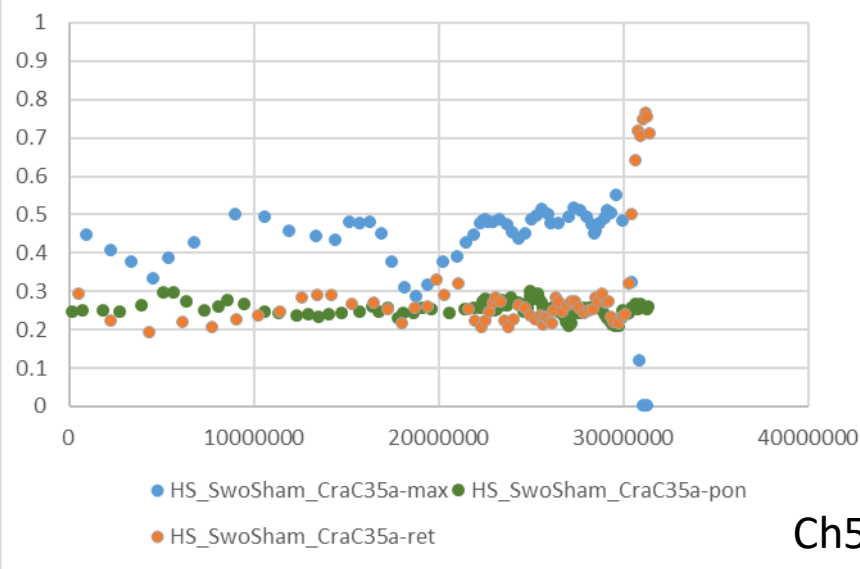
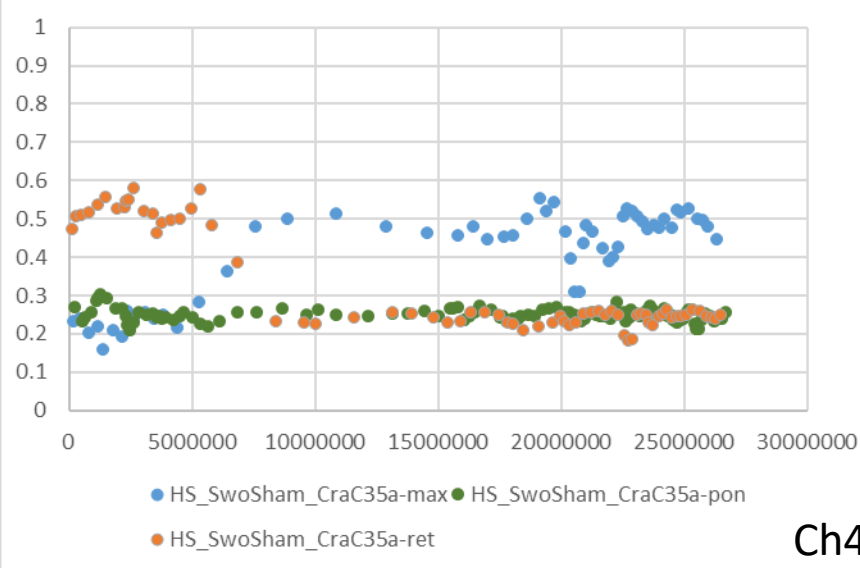
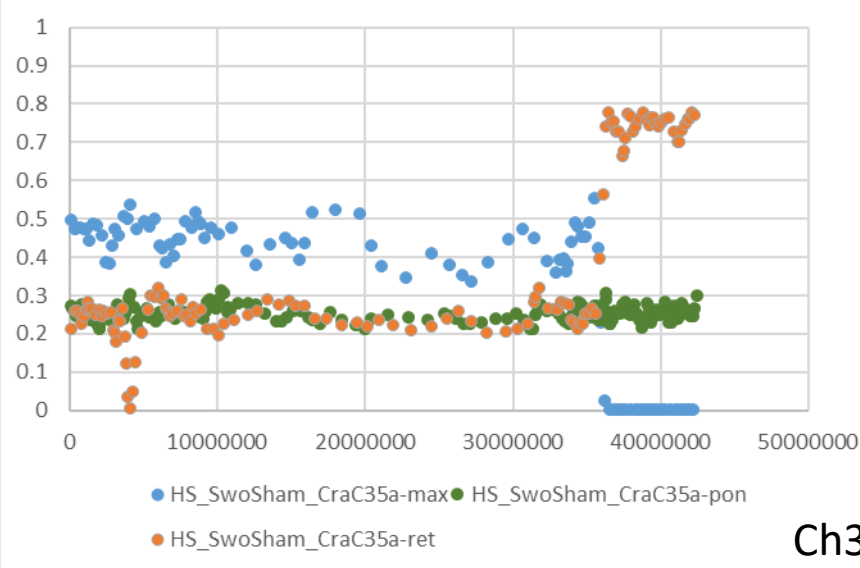
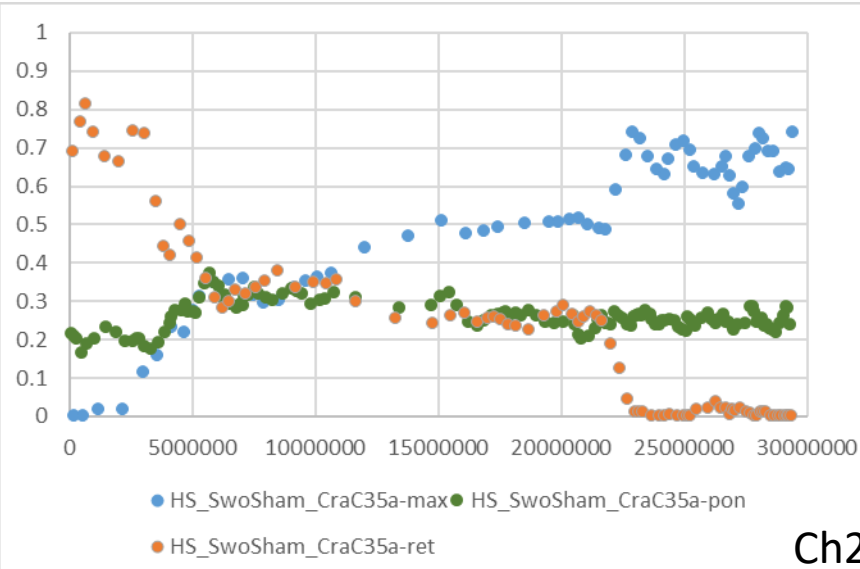
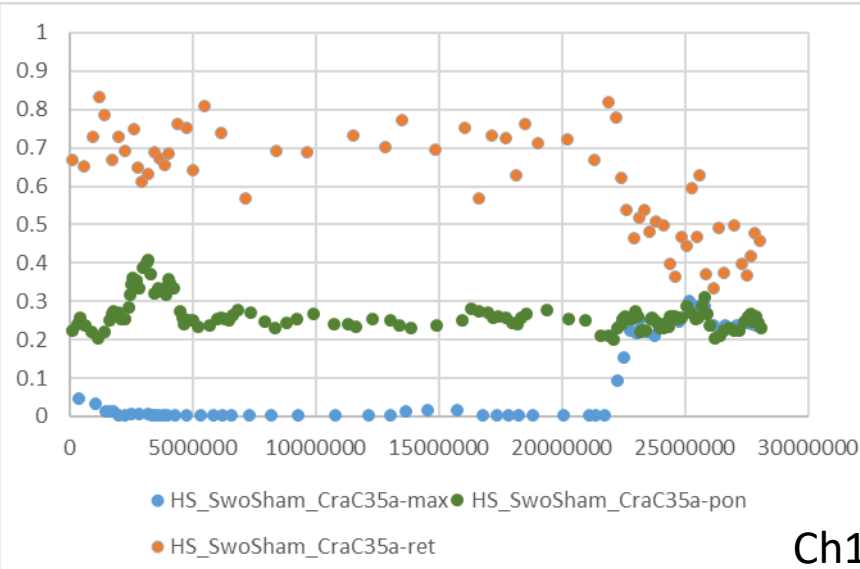
HS_ManCleo_CraCarb



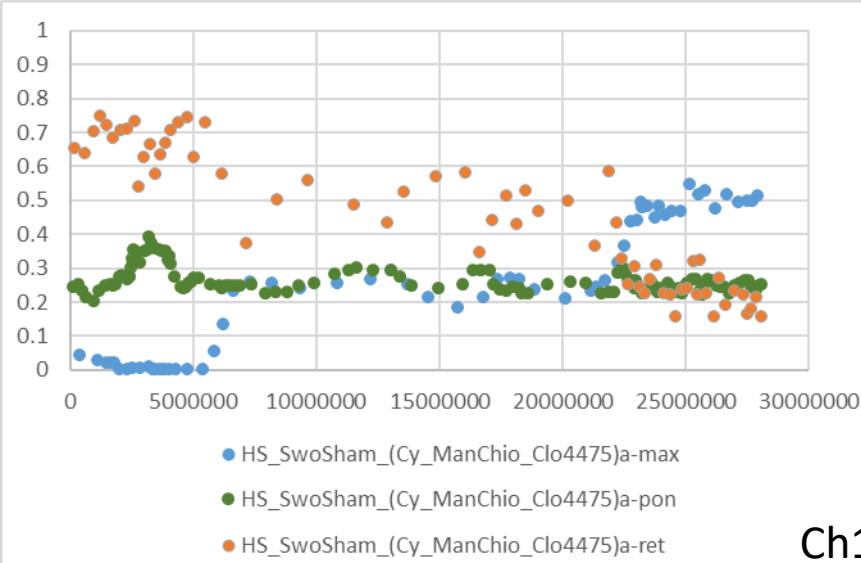
HS_ManCleo_TriPome



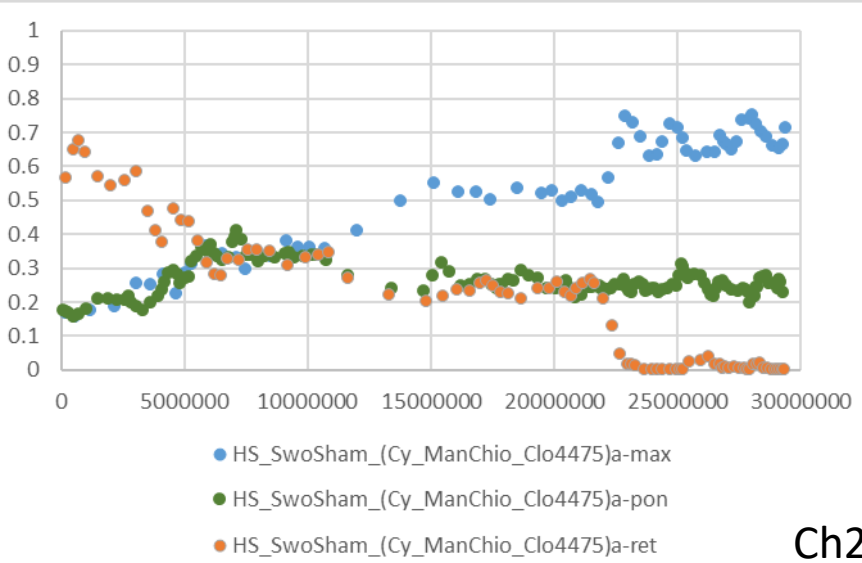
HS_ManWill_TriPome



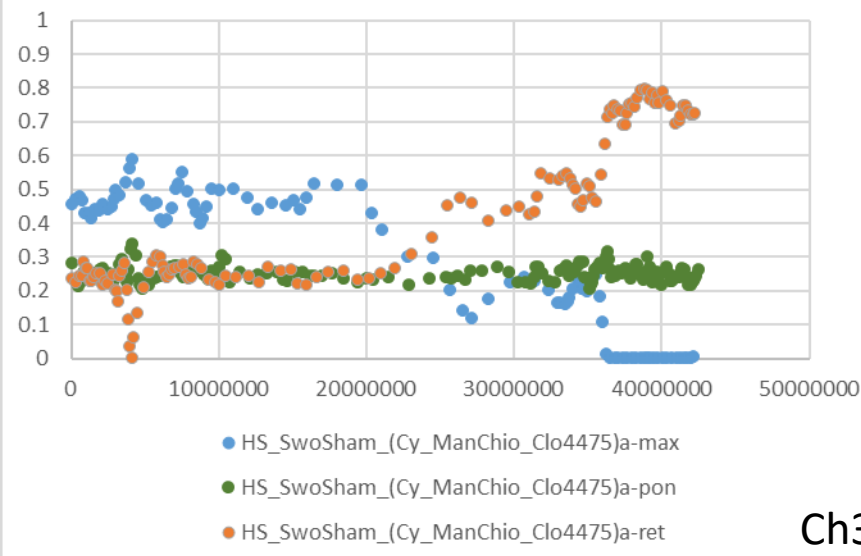
HS_SwoSham_CraC35a



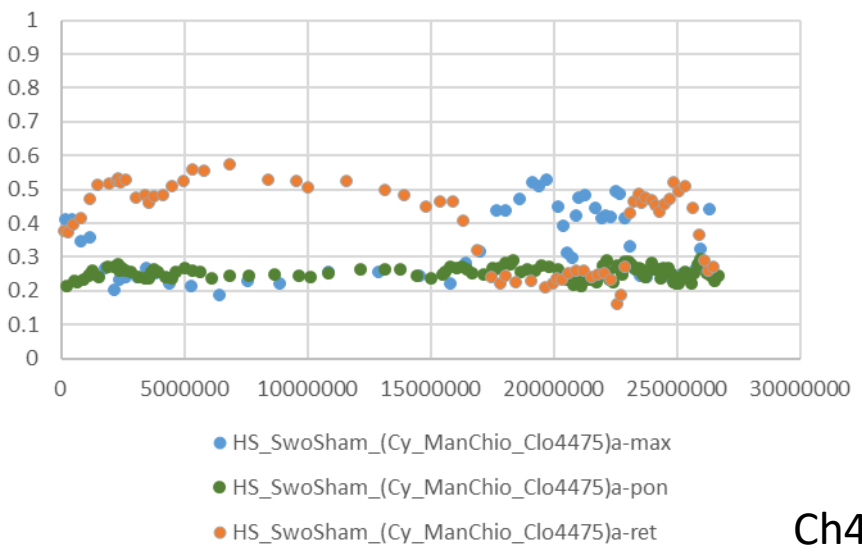
Ch1



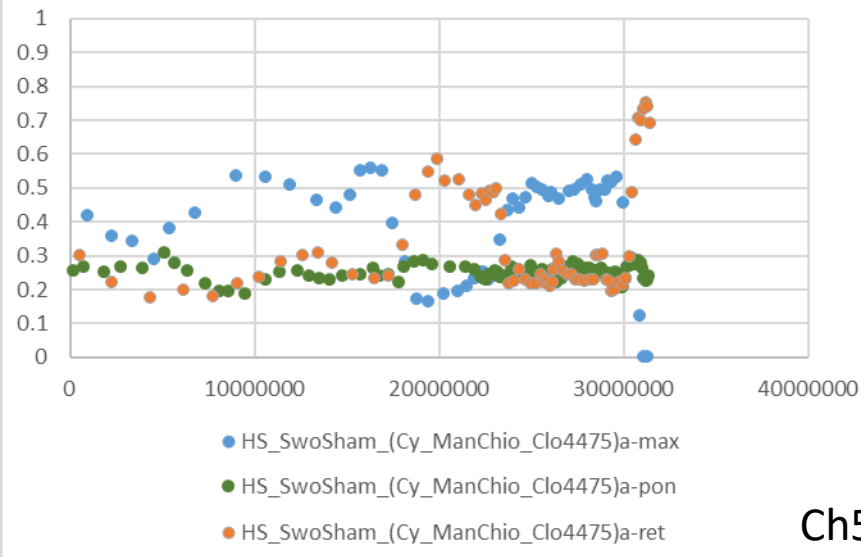
Ch2



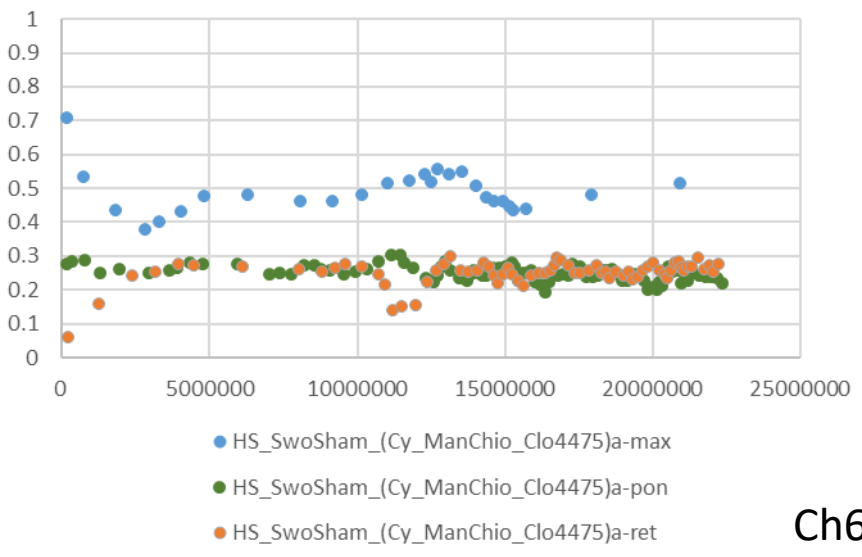
Ch3



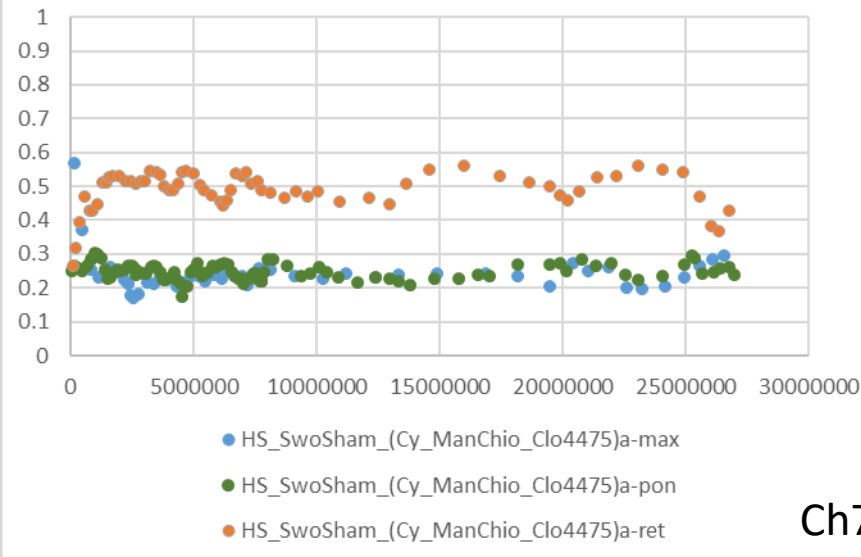
Ch4



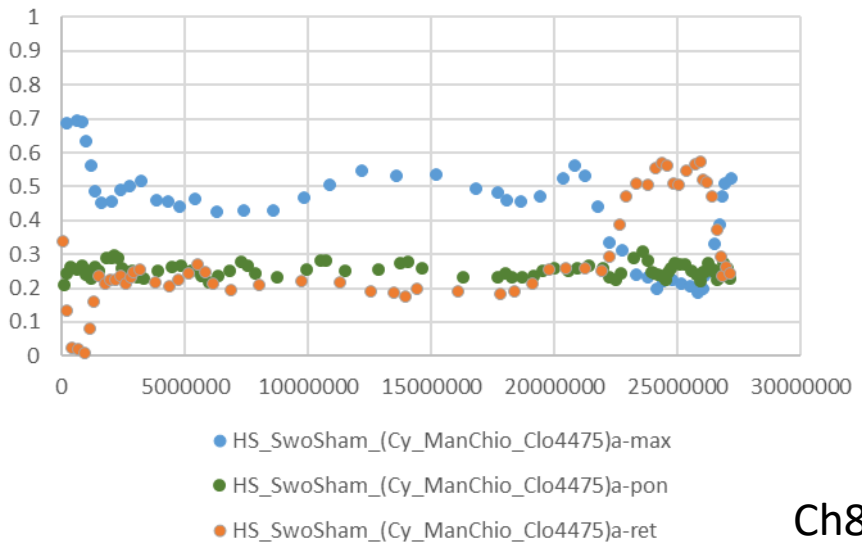
Ch5



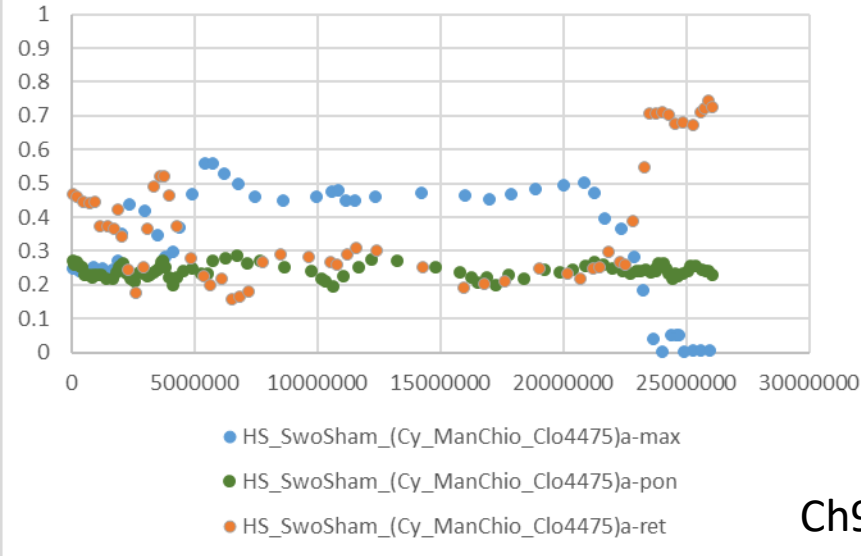
Ch6



Ch7

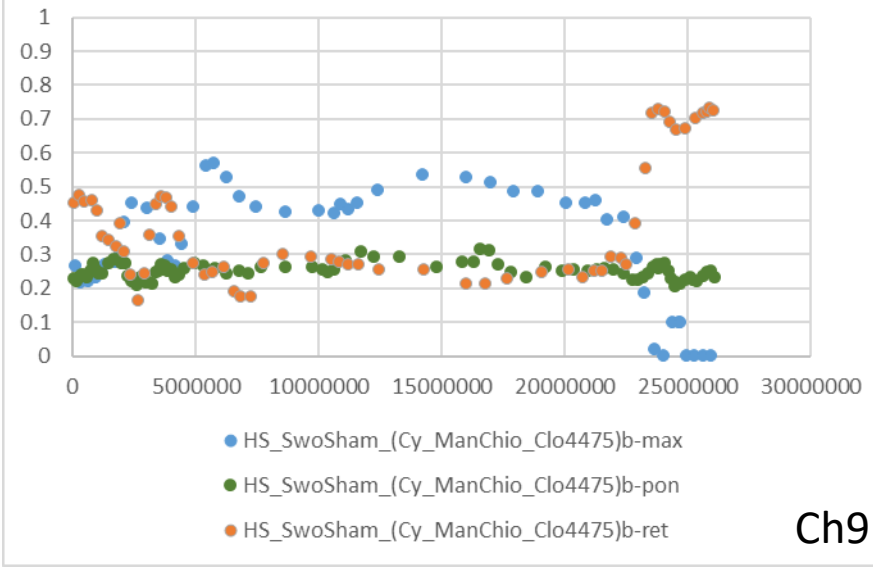
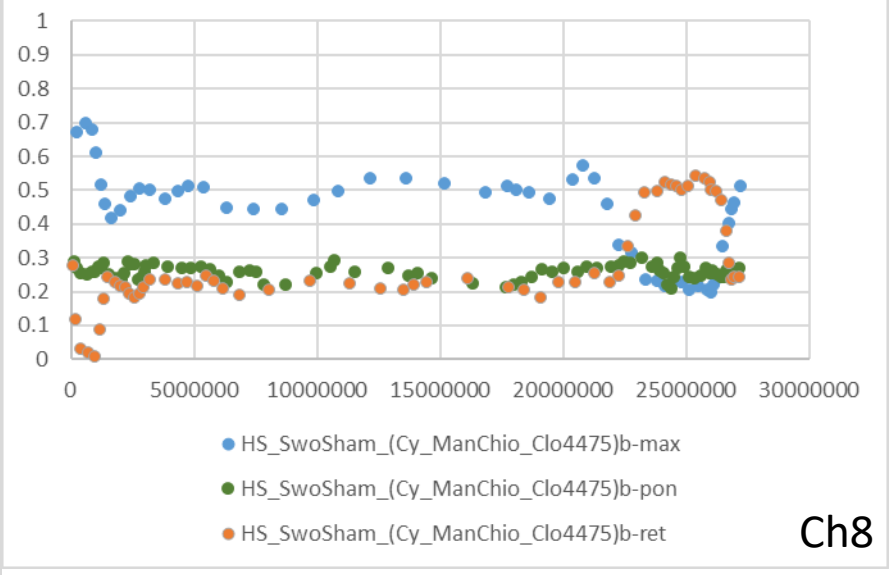
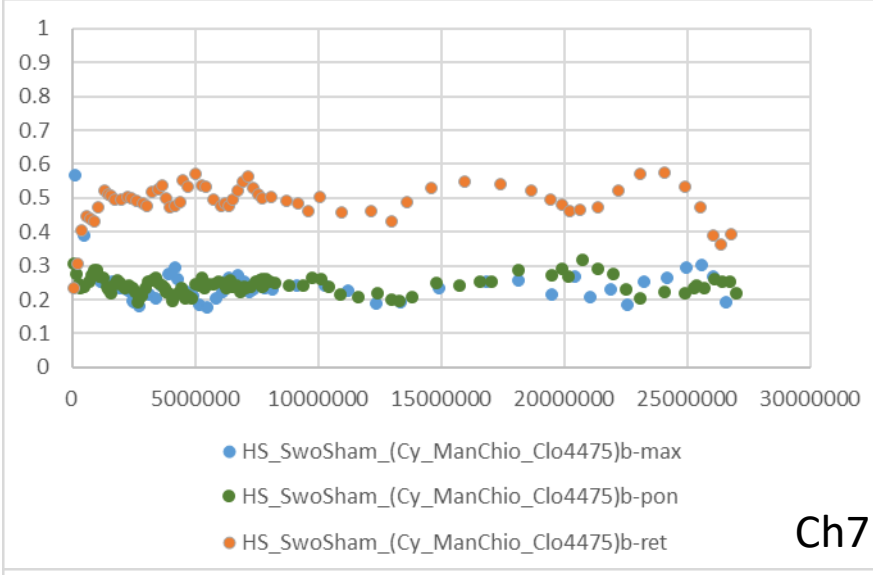
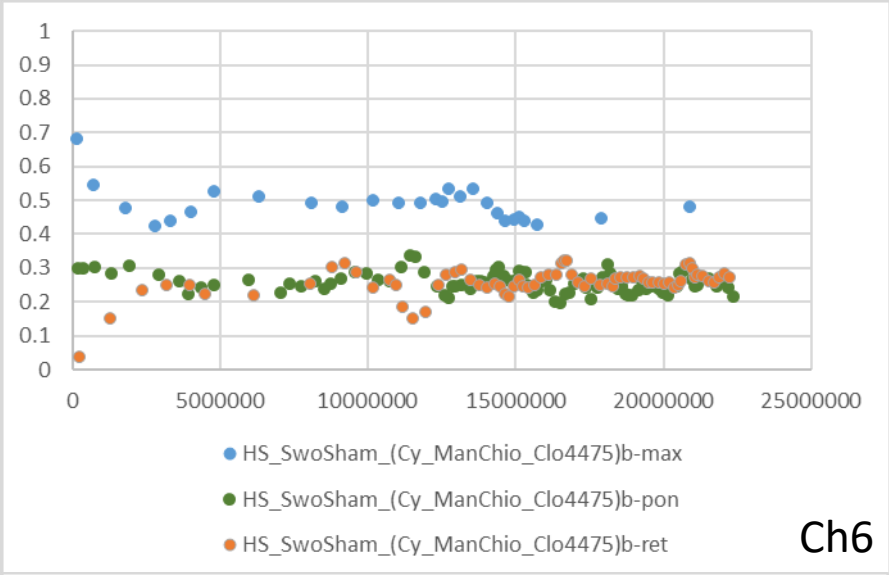
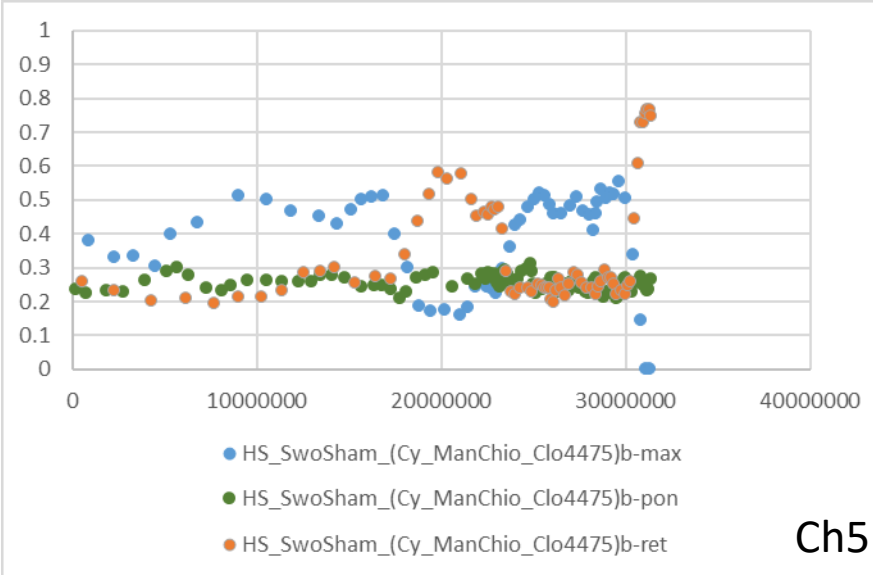
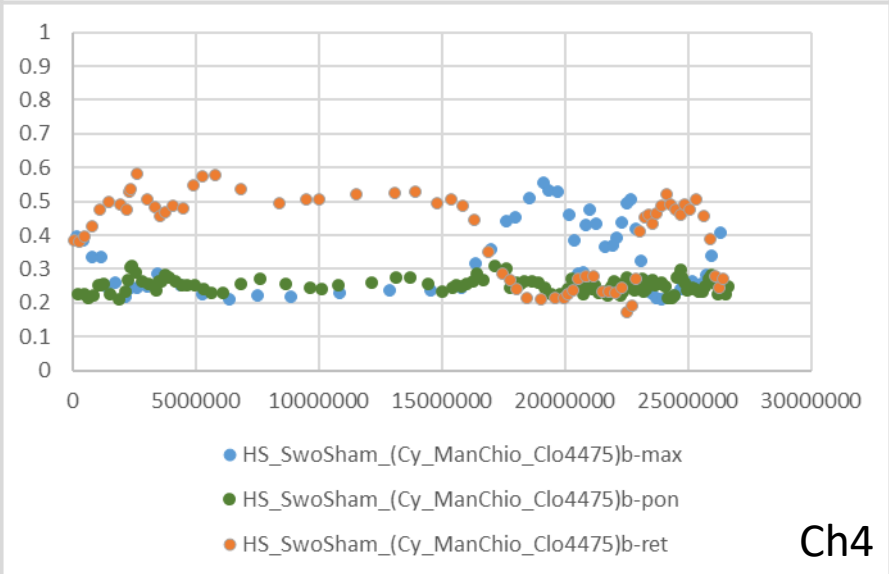
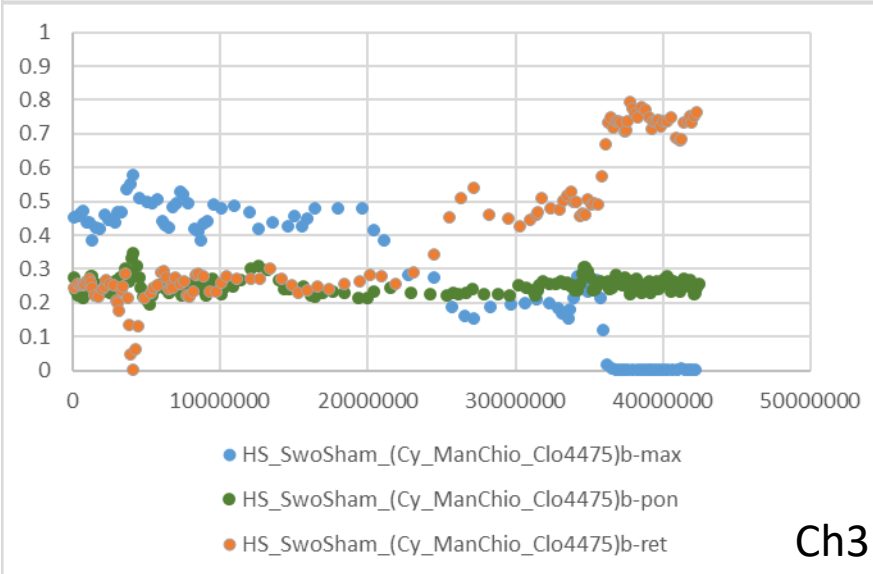
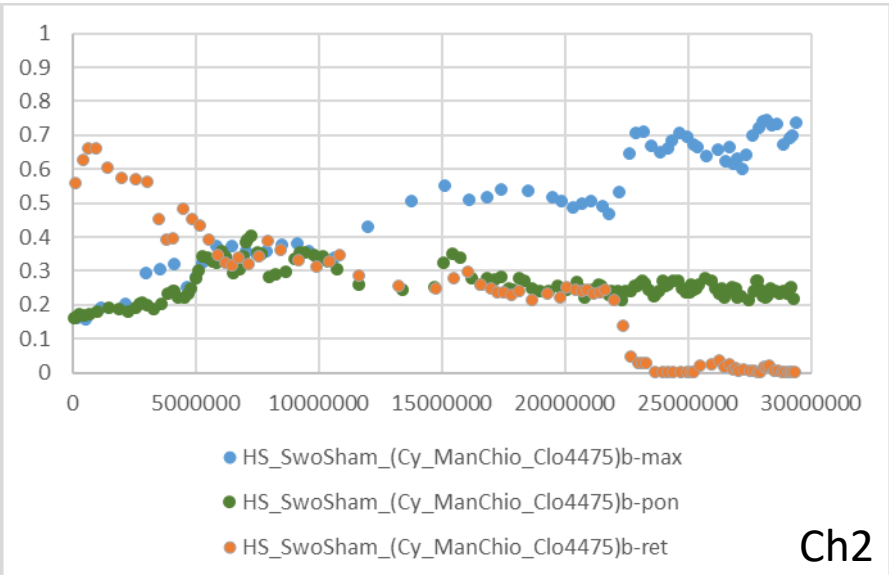
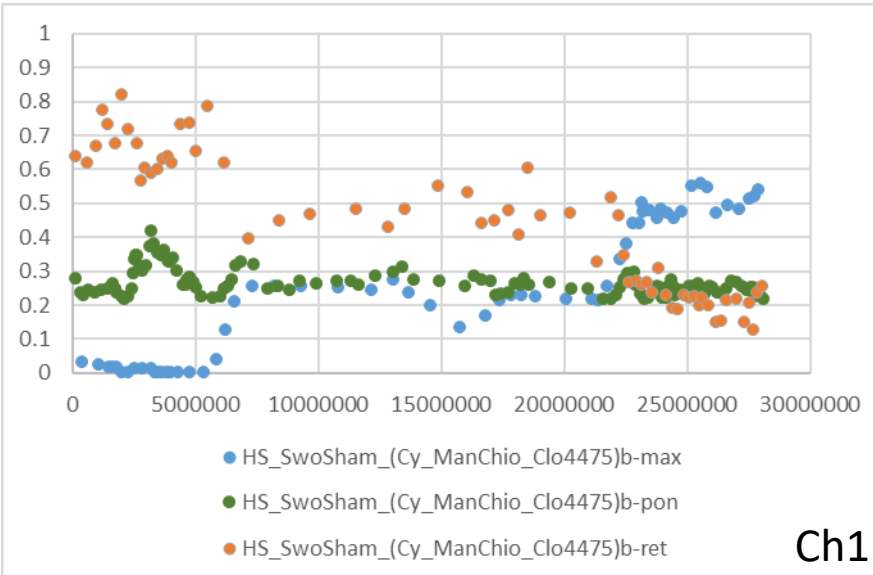


Ch8

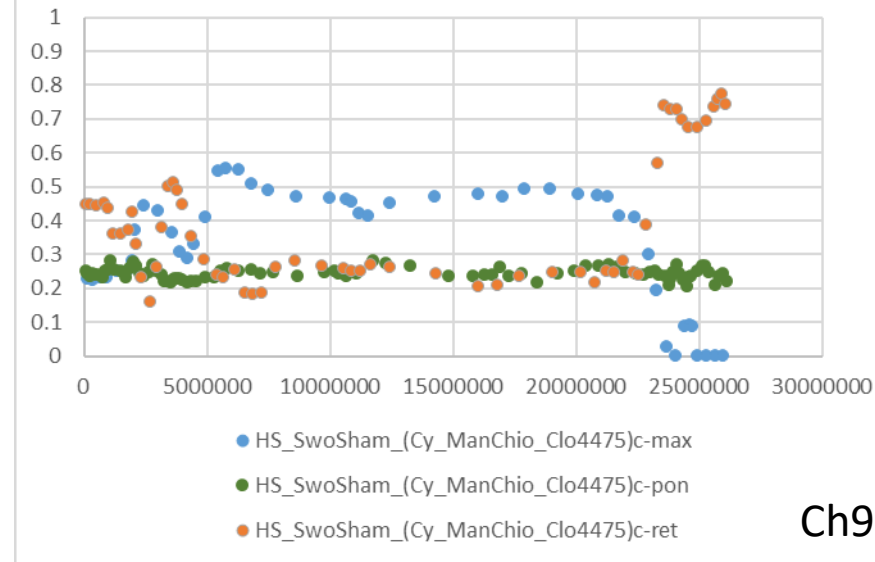
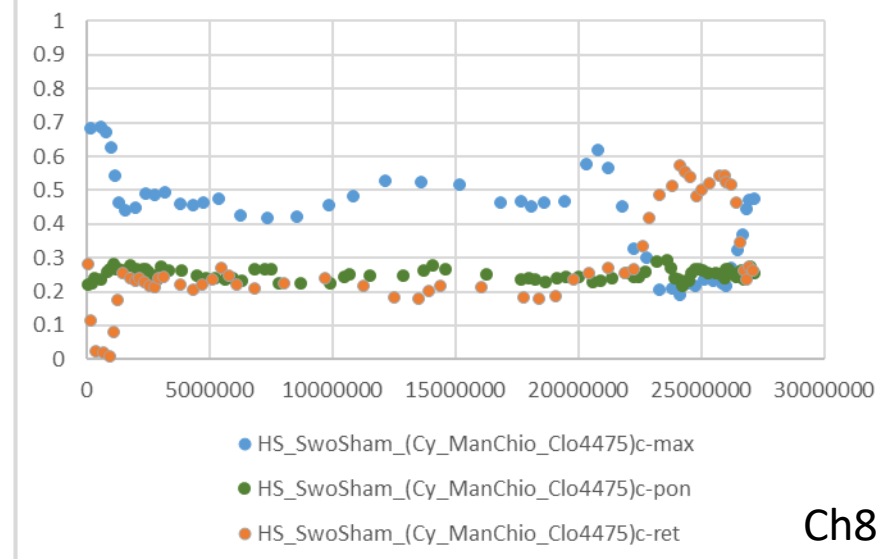
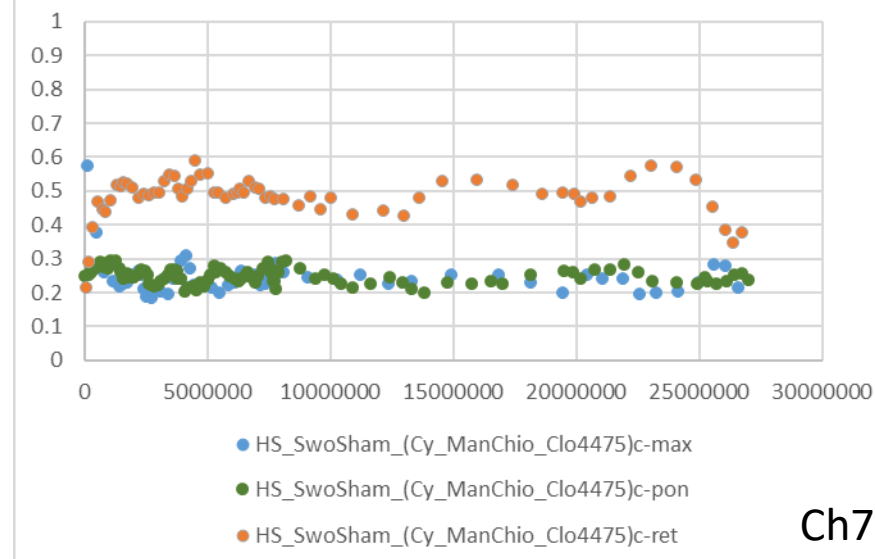
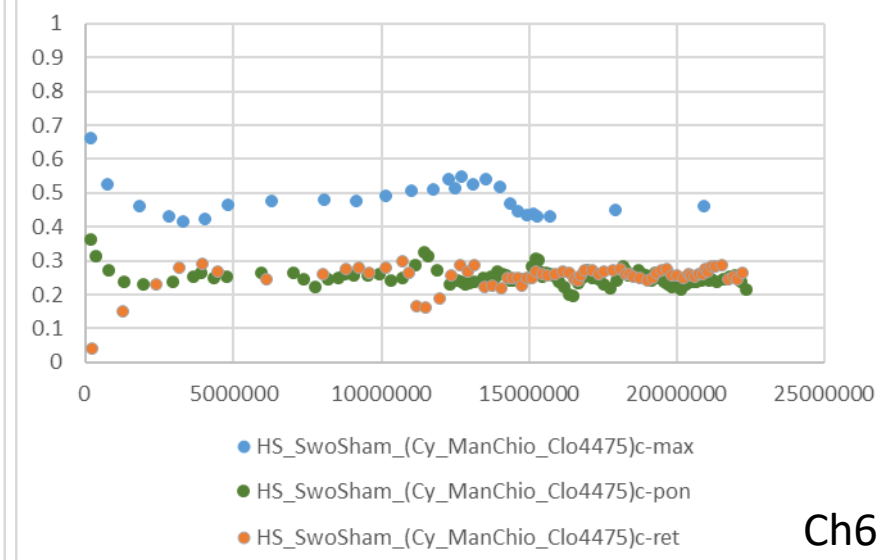
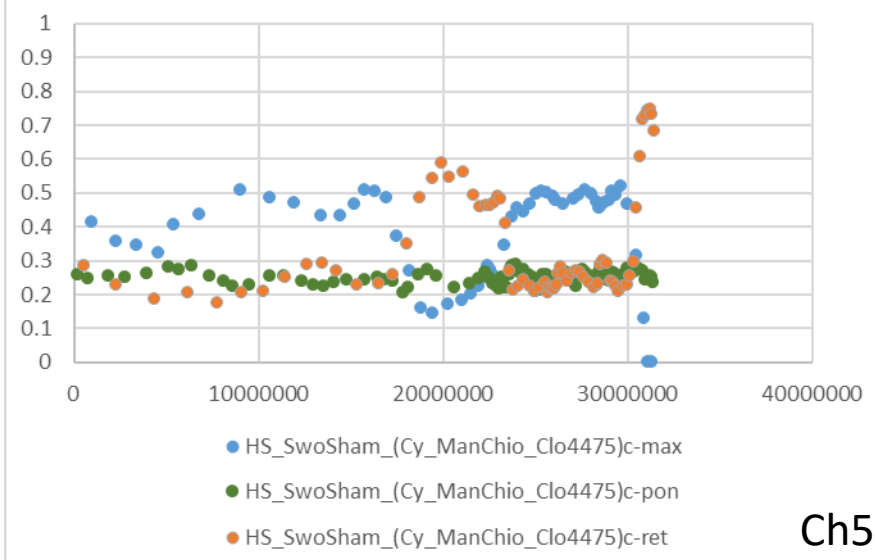
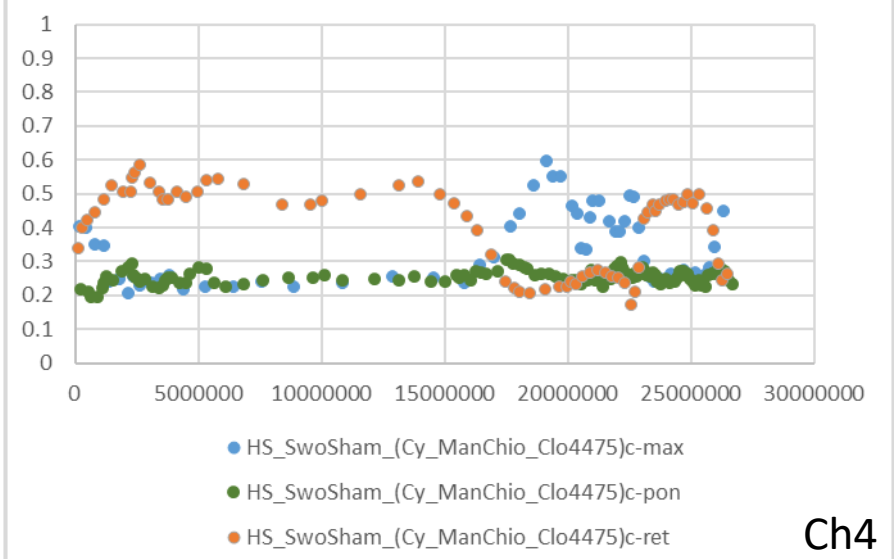
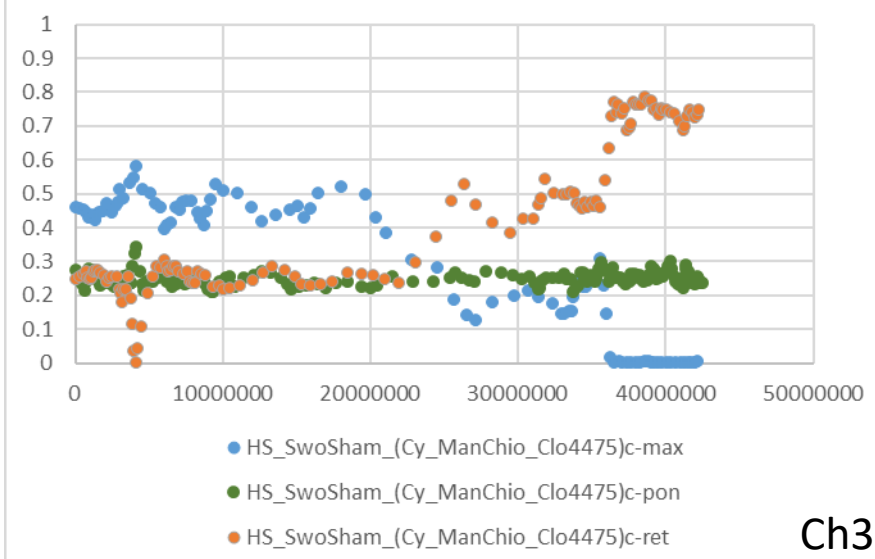
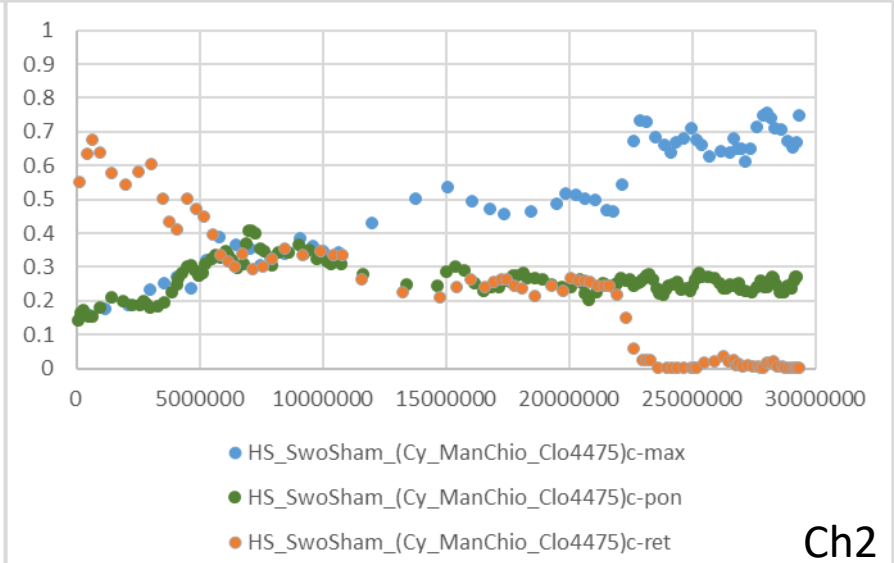
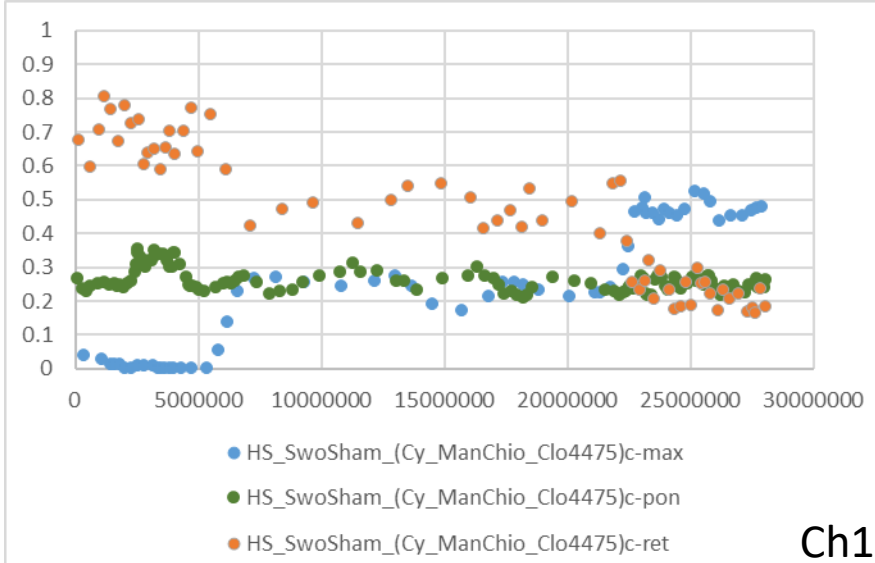


Ch9

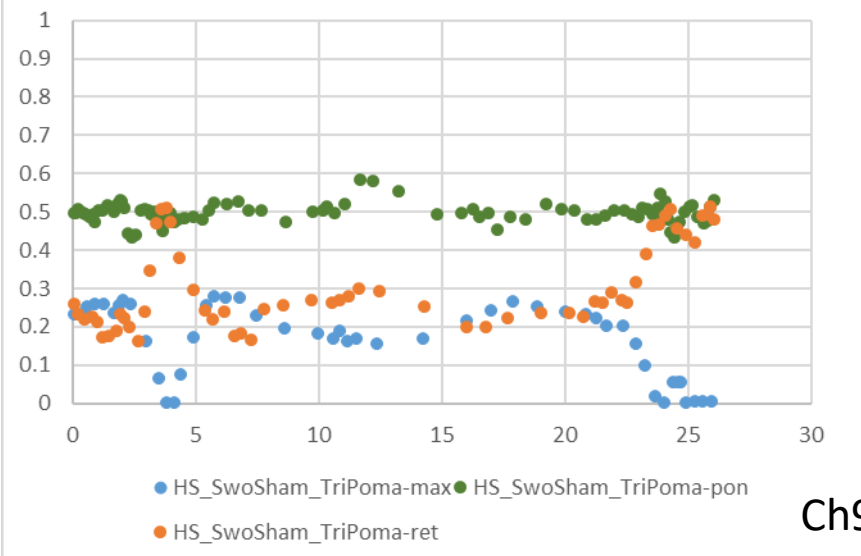
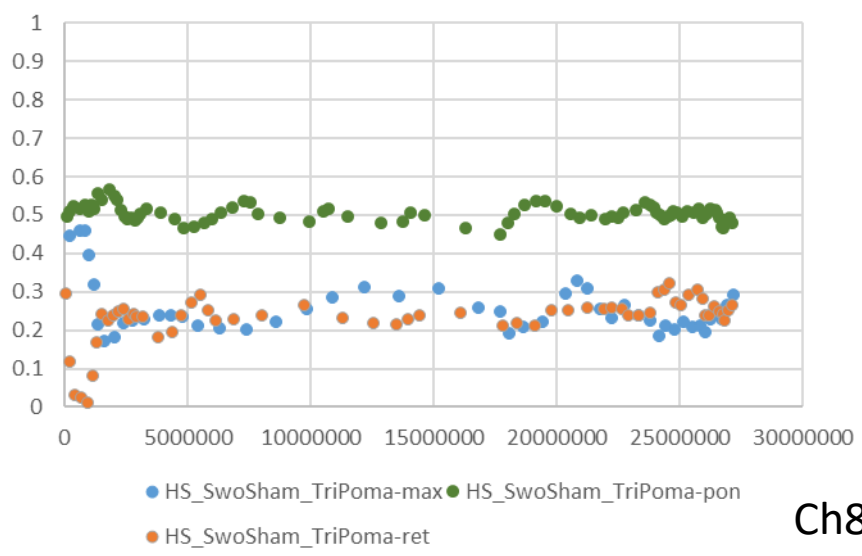
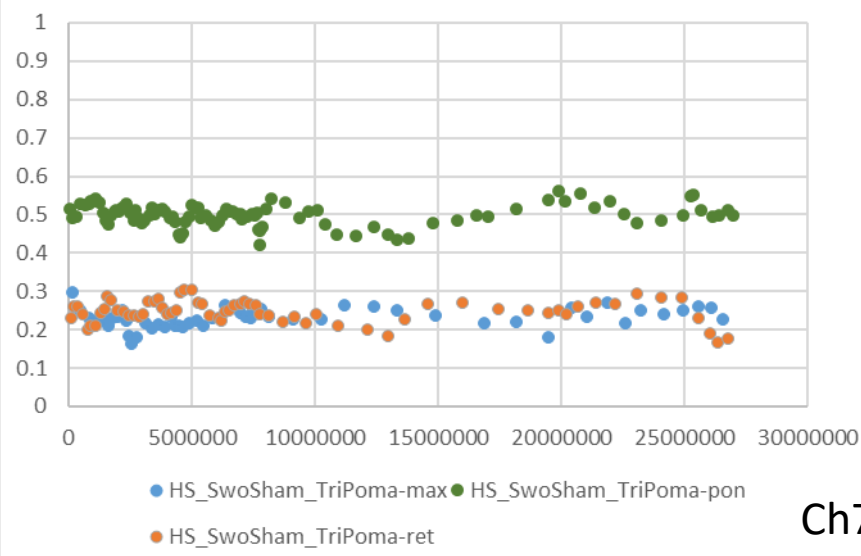
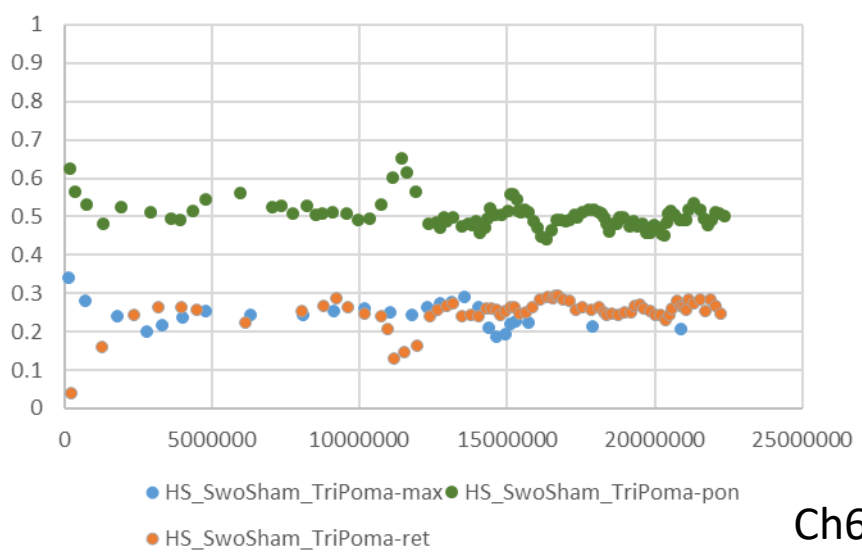
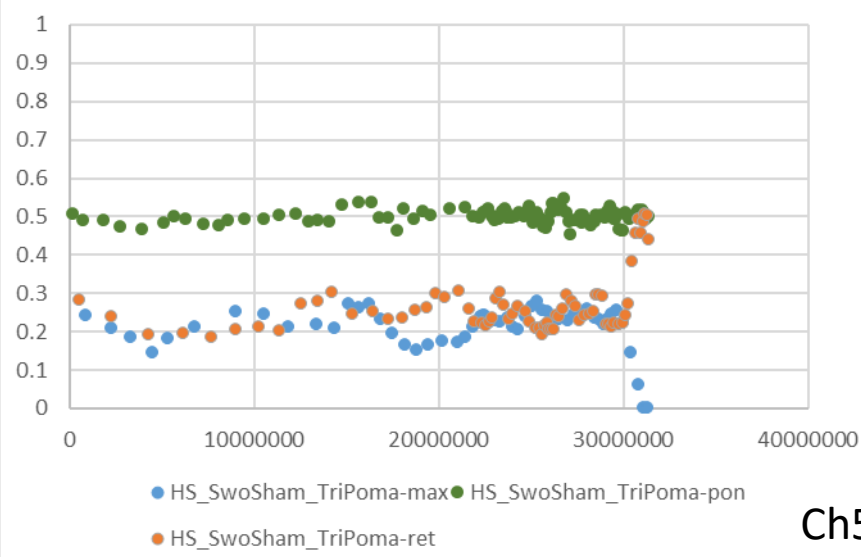
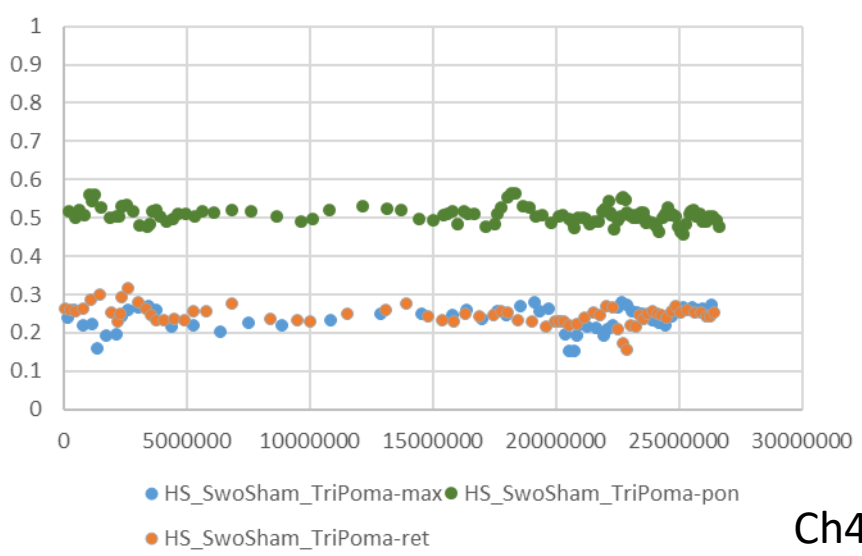
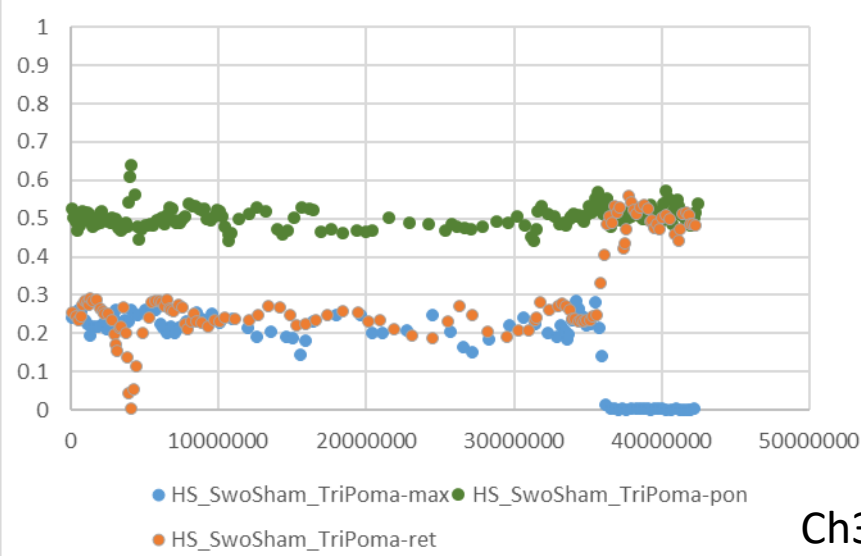
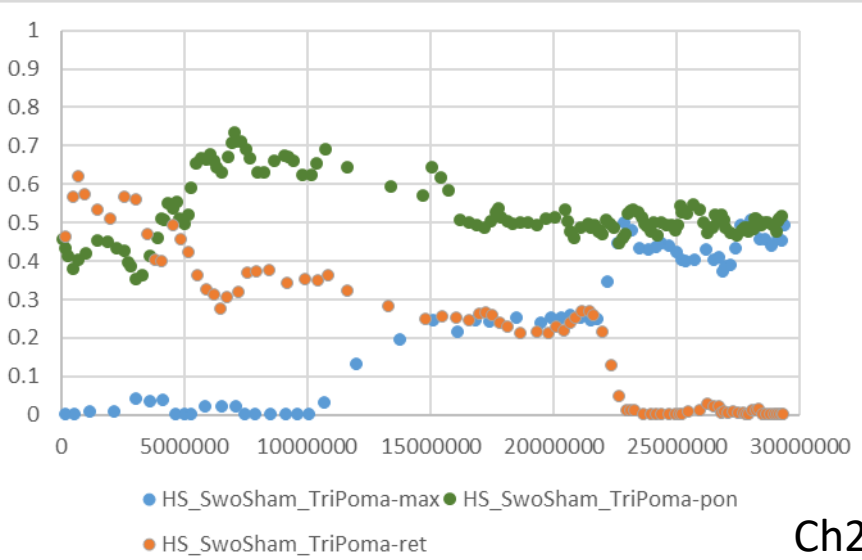
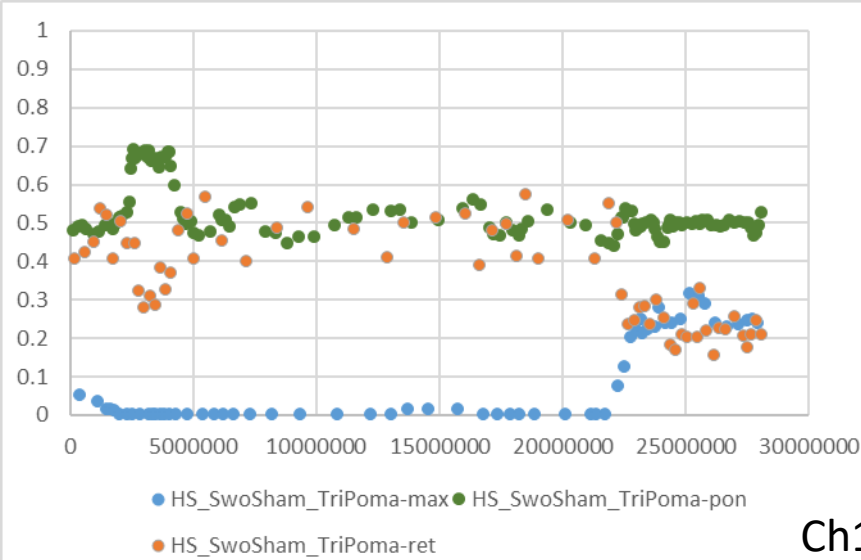
HS_SwoSham_
(Cy_ManChio_Clo4475)a



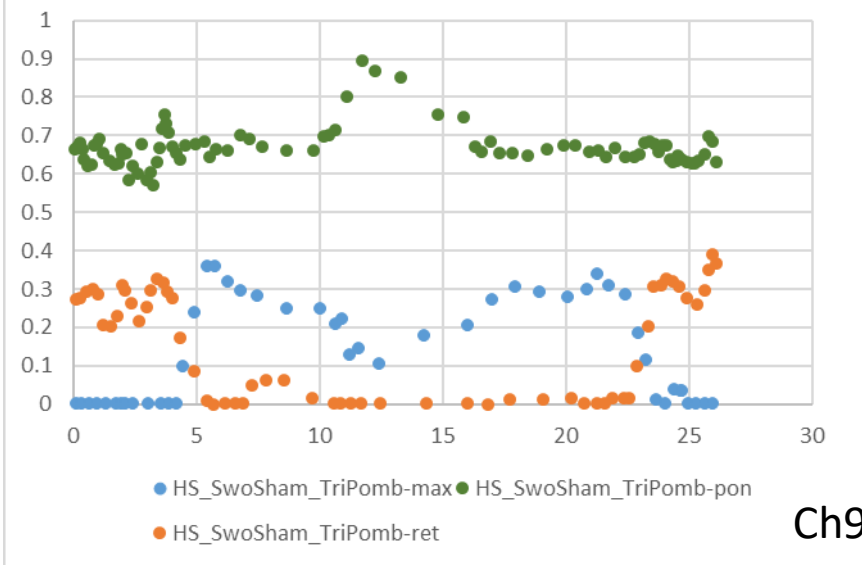
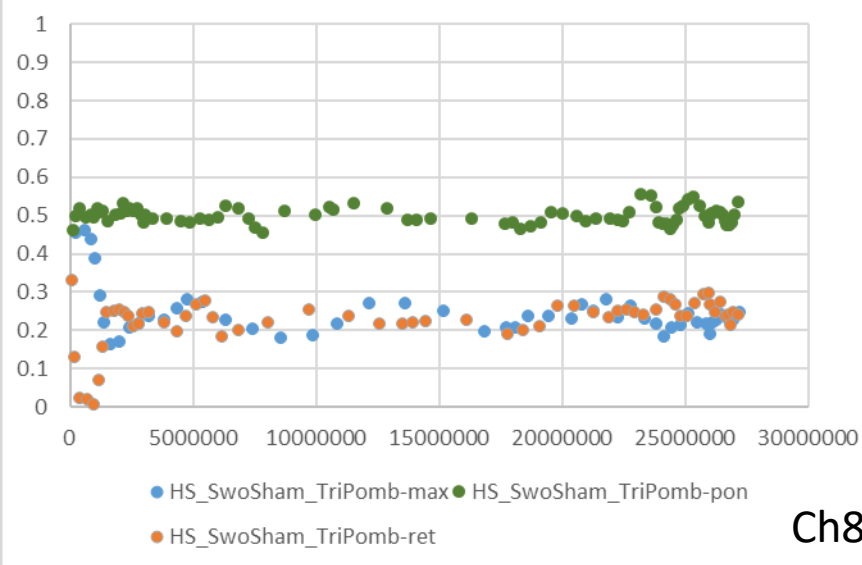
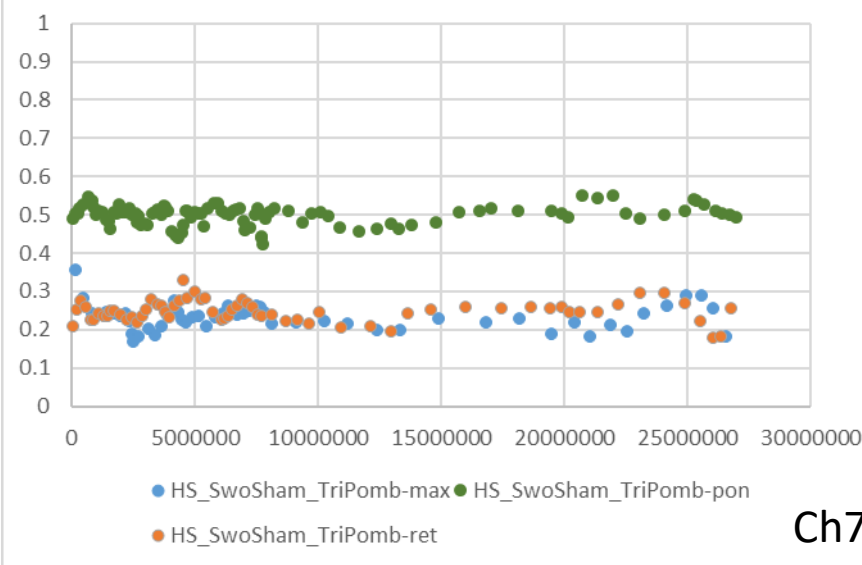
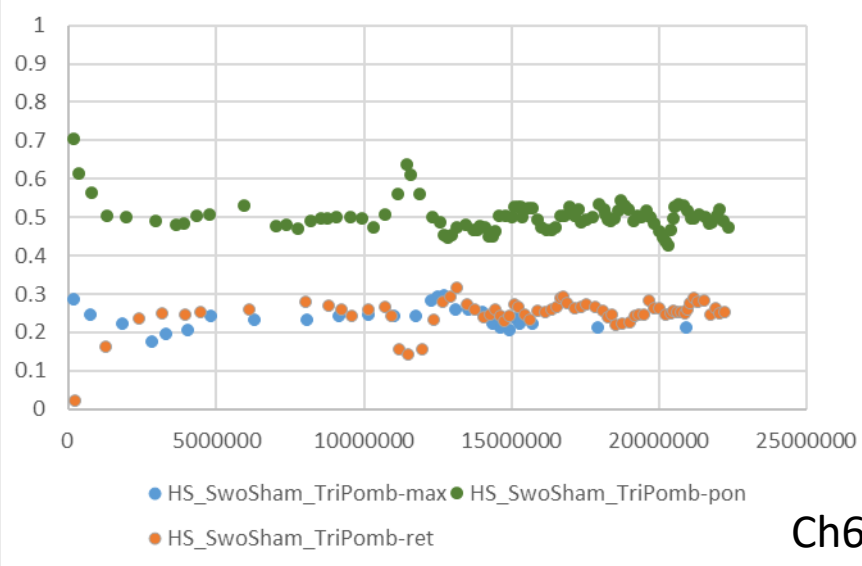
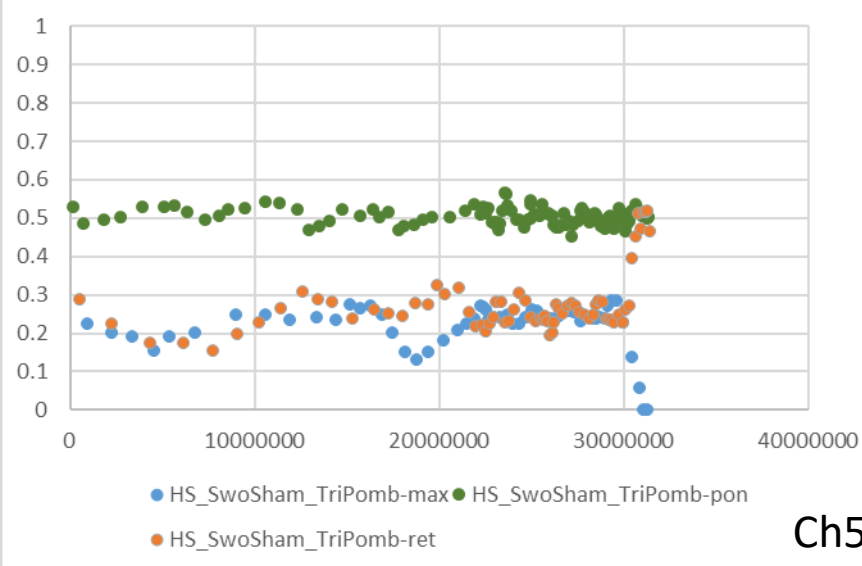
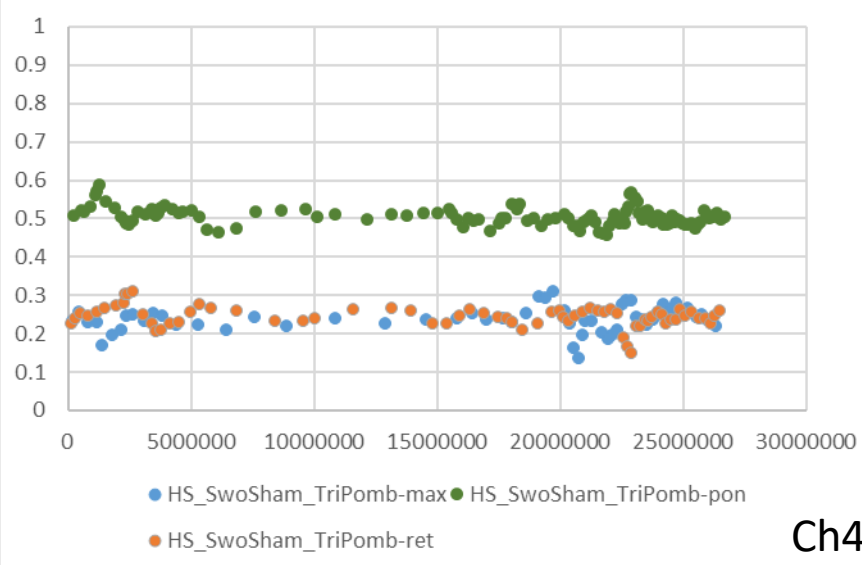
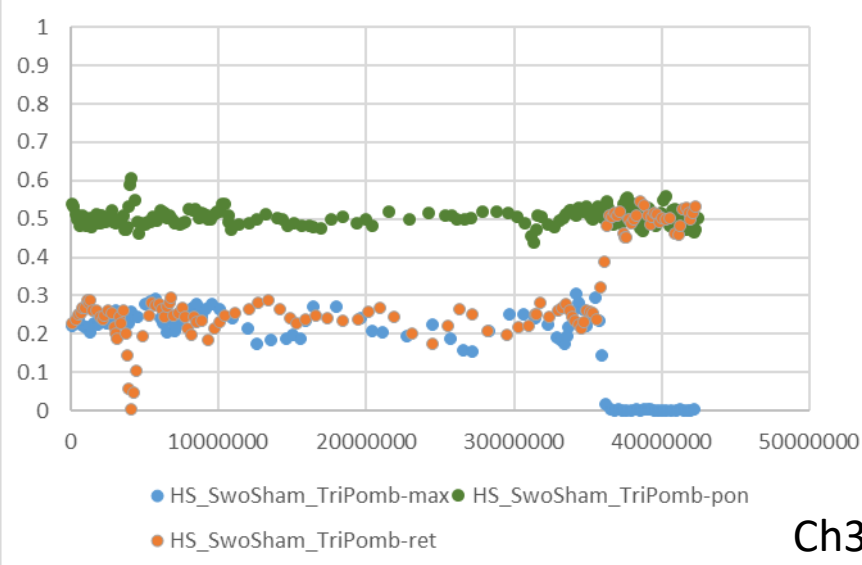
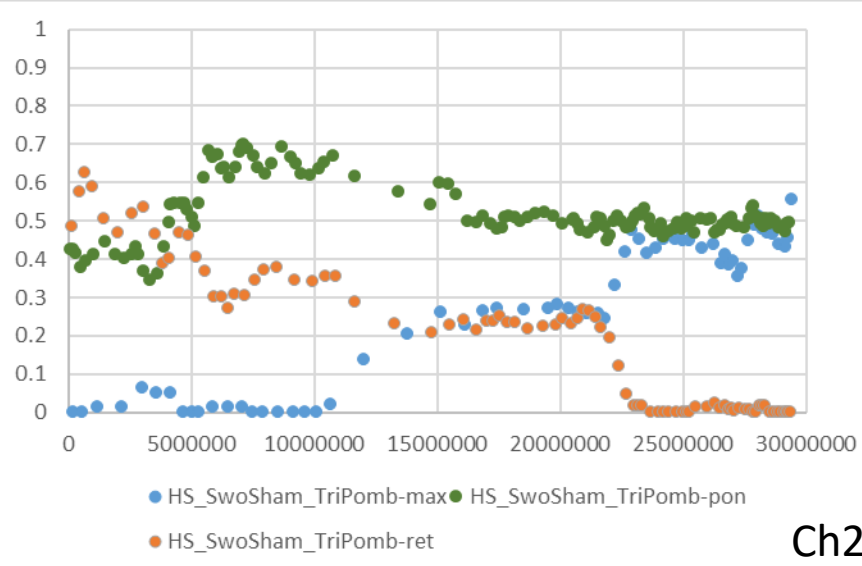
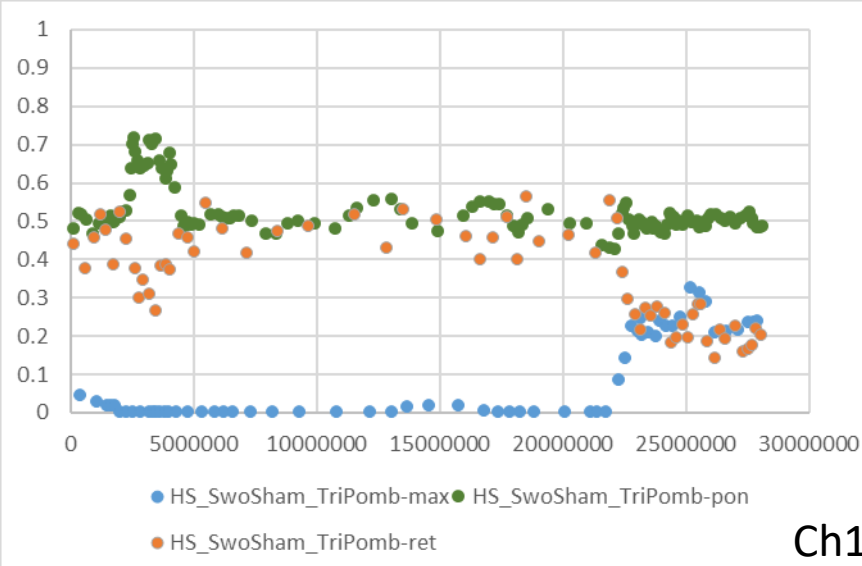
HS_SwoSham_
(Cy_ManChio_Clo4475)b



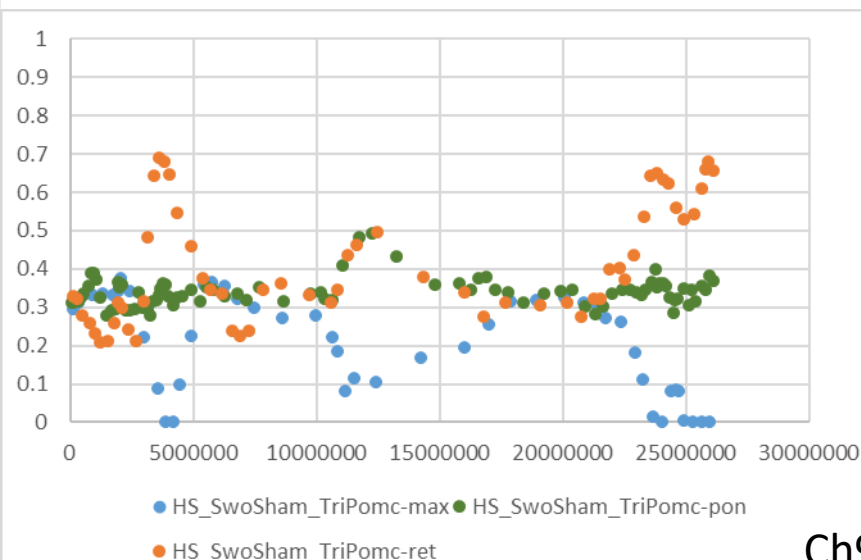
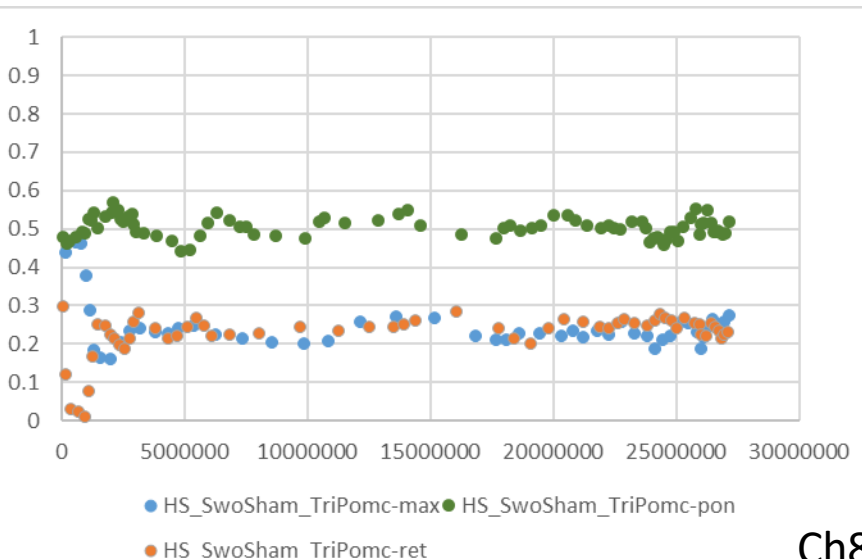
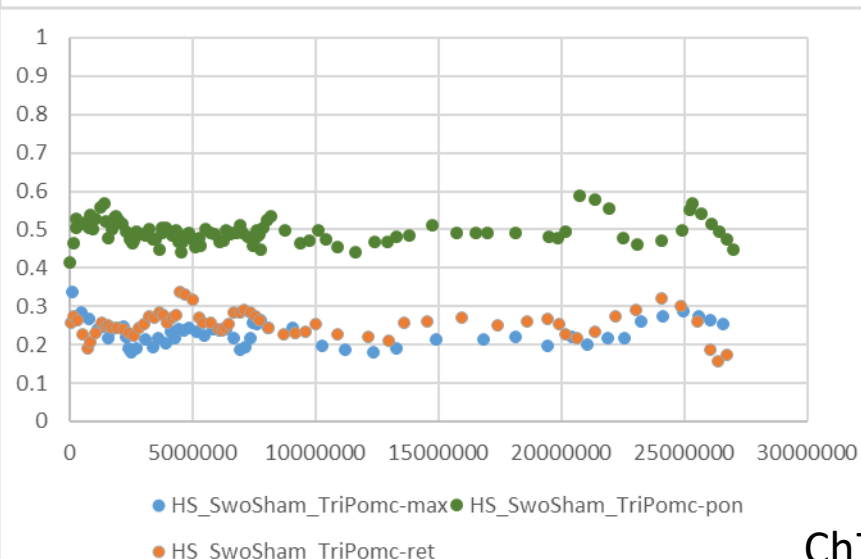
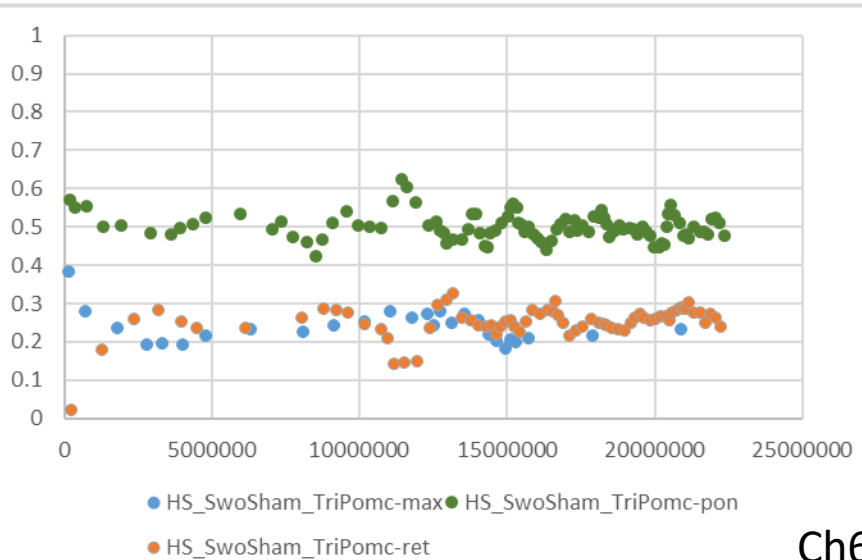
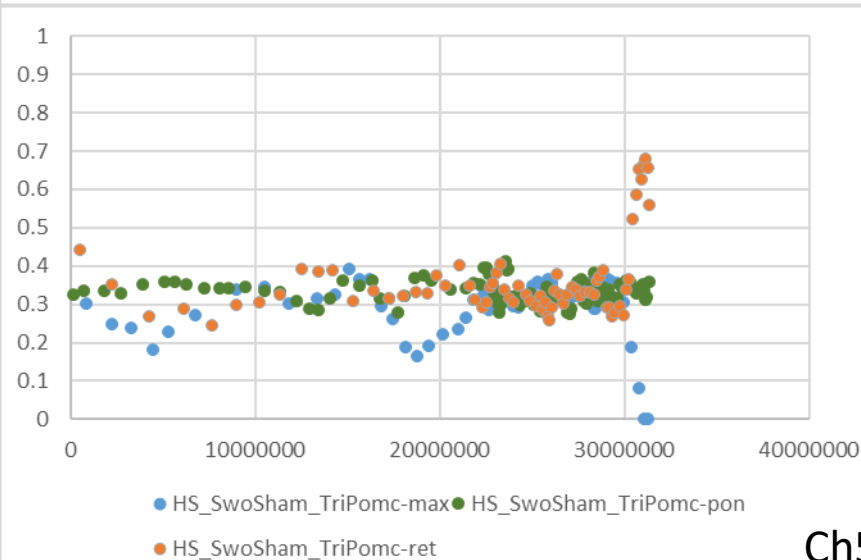
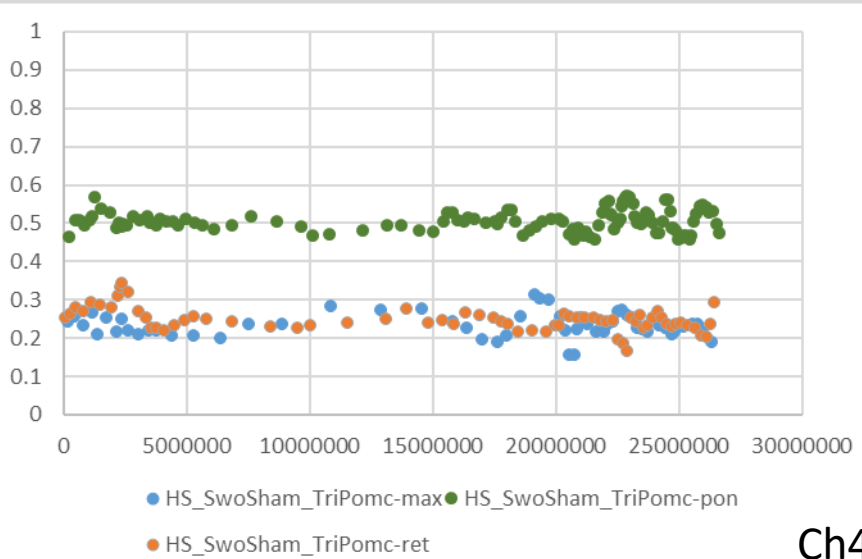
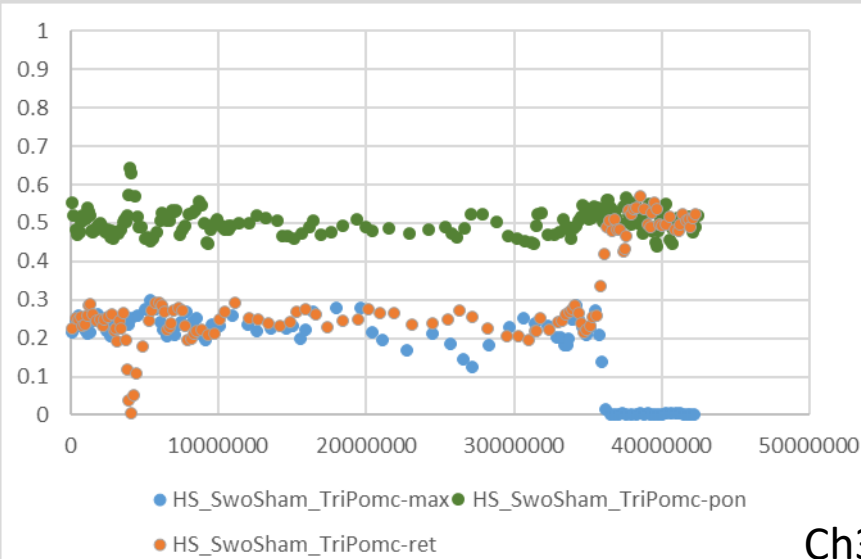
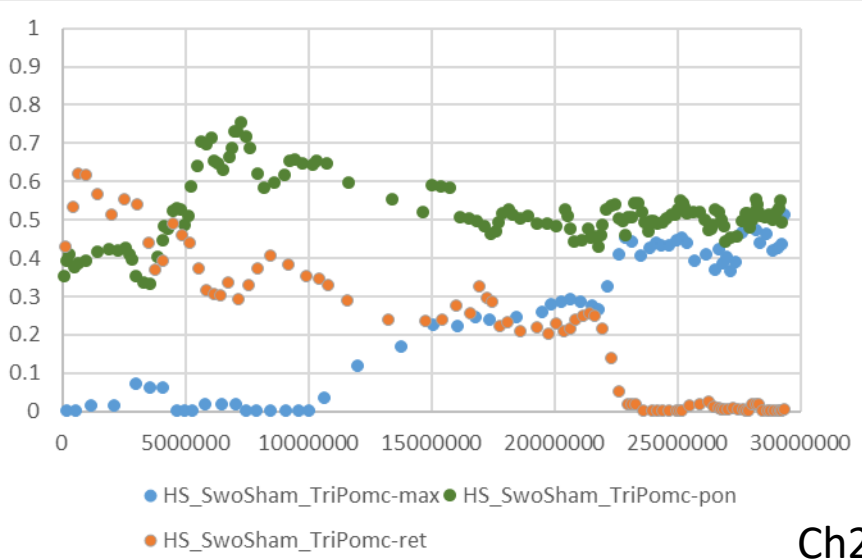
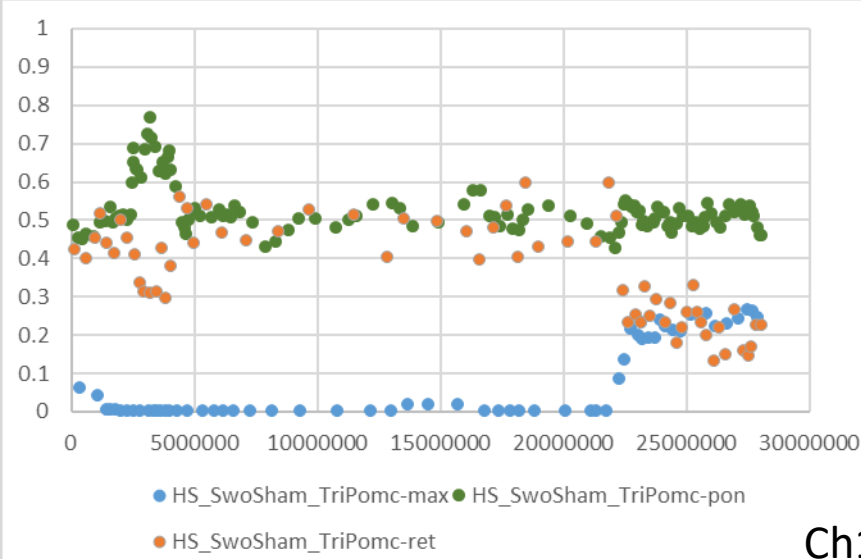
HS_SwoSham_
(Cy_ManChio_Clo4475)c



HS_SwoSham_TriPoma



HS_SwoSham_TriPomb



HS_SwoSham_TriPomc