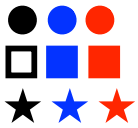
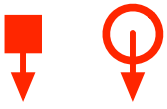
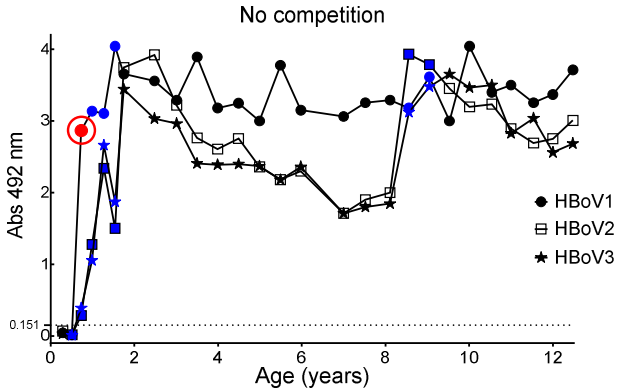
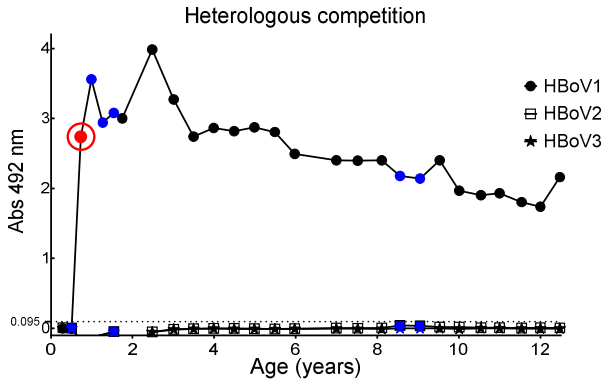
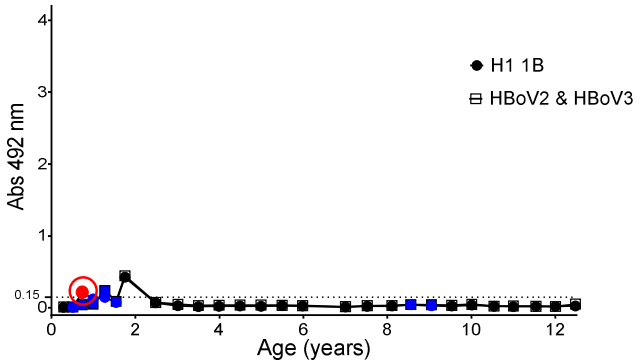
S1 Supporting Information. ELISA results of all 109 children in graphical format.

Symbol or annotation	Description
	Subject number. There are three graphs for each subject and a row correspons to one subject.
HBoV1 HBoV2 HBoV3	Single immobilized antigen used for IgG detection
HBoV2 & HBoV3	Two immobilized antigens used simultaneously for IgG detection.
No competition	Samples were not competed with soluble antigens prior to the assay.
Homologous competition	Samples were preincubated with soluble HBoV1 antigen before HBoV1 IgG detection or with HBoV2+HBoV3 antigens before combined detection of HBoV2 and HBoV3 IgG. The resulting residual optical density (ROD) was used for the calculation of net OD in heterologous competition; net OD = raw OD - residual OD.
Heterologous competition	For HBoV1 IgG detection, the samples were preincubated with soluble HBoV2 and HBoV3 antigens. For HBoV2 or HBoV3 detection, the serum samples were preincubated with HBoV1 antigen. The net OD shown in the graphs was obtained by subtracting ROD from the raw OD; net OD = raw OD - residual OD.
	**Black**, **blue** and **red** data points indicate whether the sample has **not been tested** by PCR for HBoV DNA, has been **negative** by PCR or has been tested **positive** by PCR.
	Red open circle or red open rectangle around a data point indicates that the sample has been positive in IgM for HBoV1 or HBoV2, respectively. All sera tested by PCR for any of the three viruses were tested for HBoV1-3 IgM. IgM negativity is not separately indicated. Red data point surrounded by a red open circle or rectanble indicates that the sample has been positive for IgM and HBoV DNA.
	PCR positive (closed symbol) or IgM positive (open symbol) sample that is below the range of the y-axis.

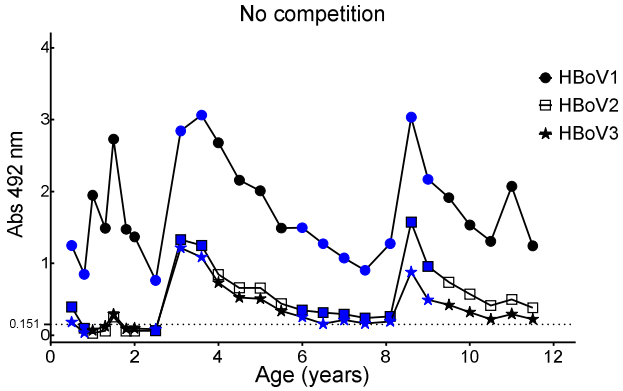
1

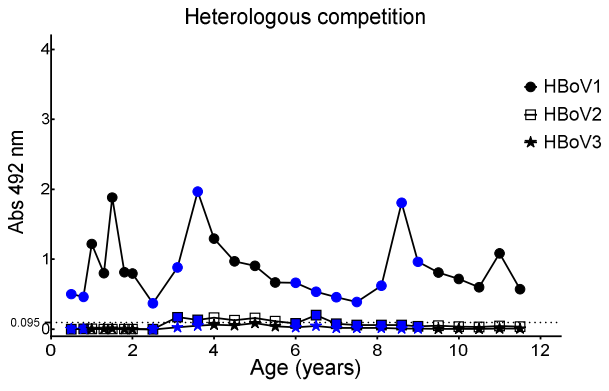

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

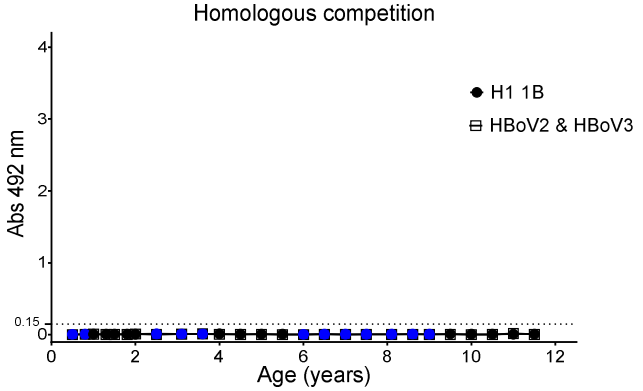

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

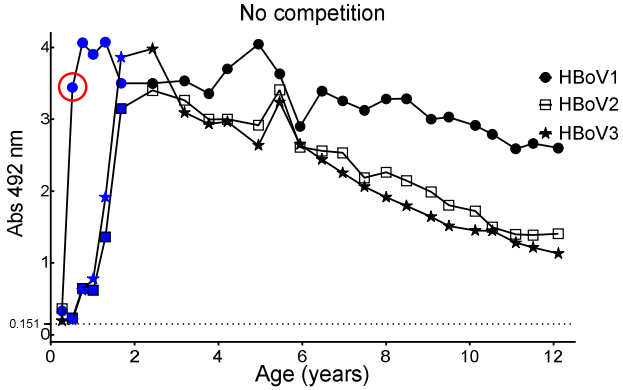
2


No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

3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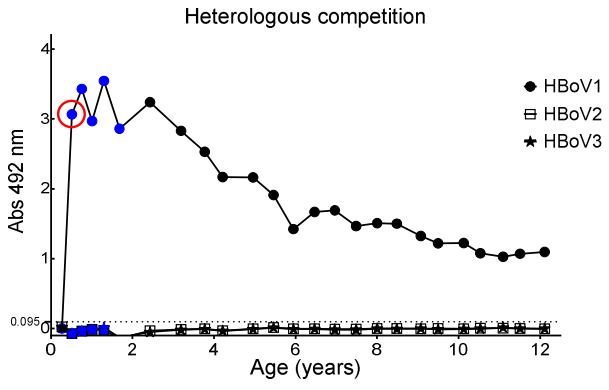
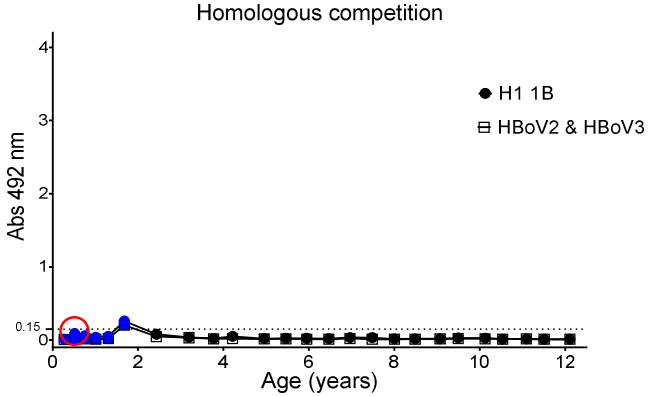
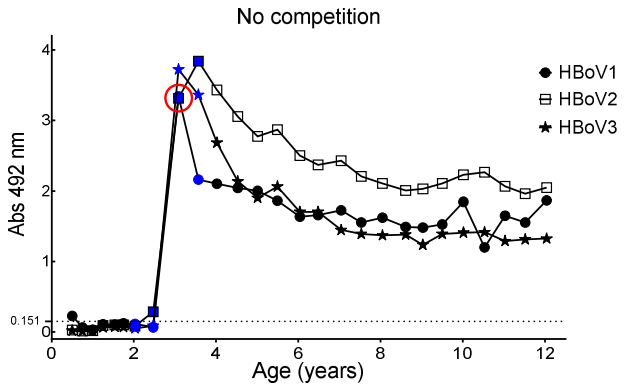
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

4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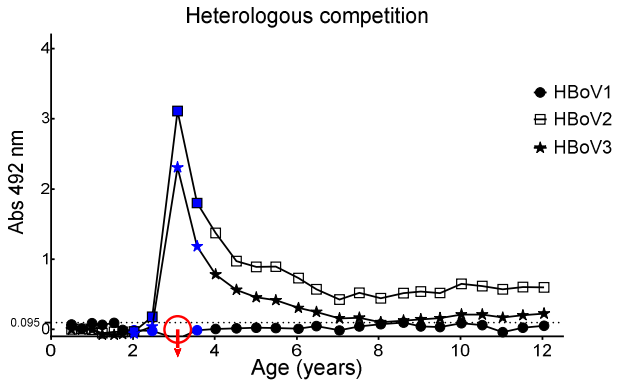
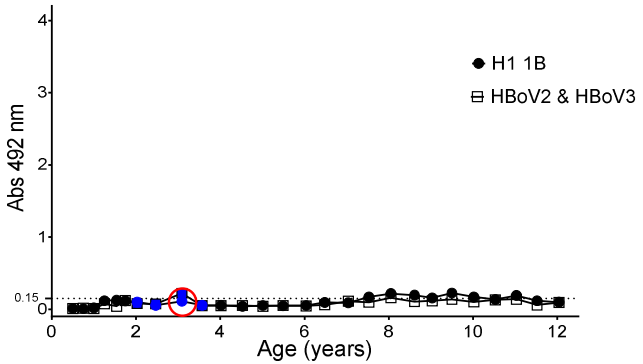
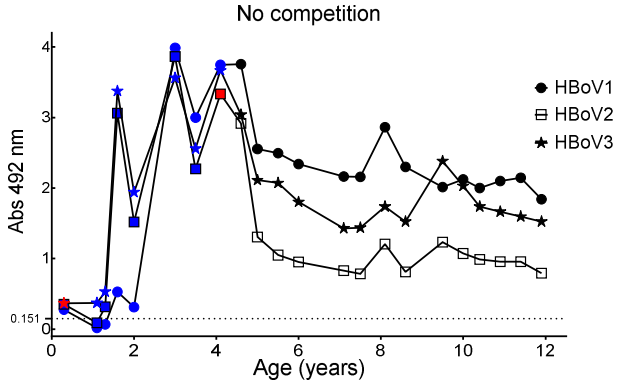
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

5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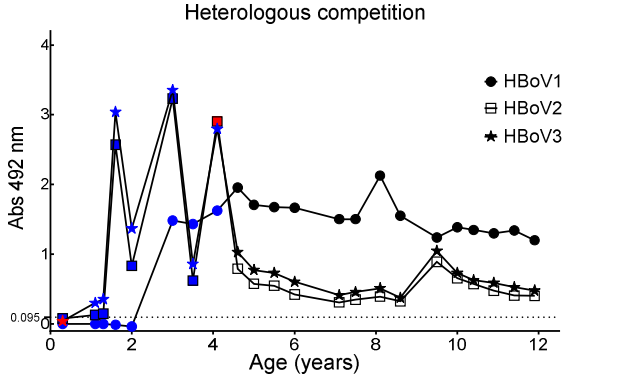
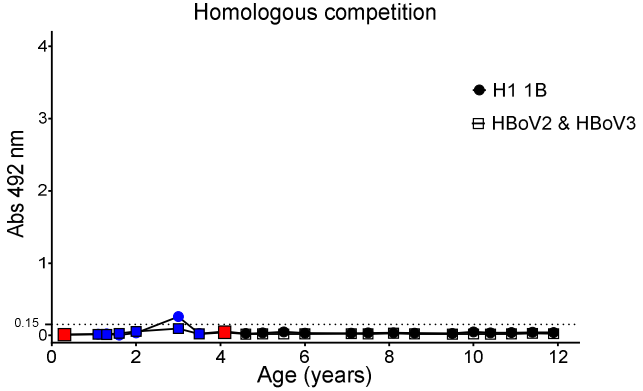
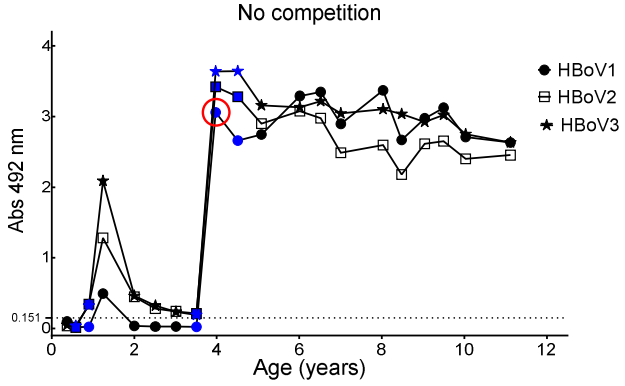
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

6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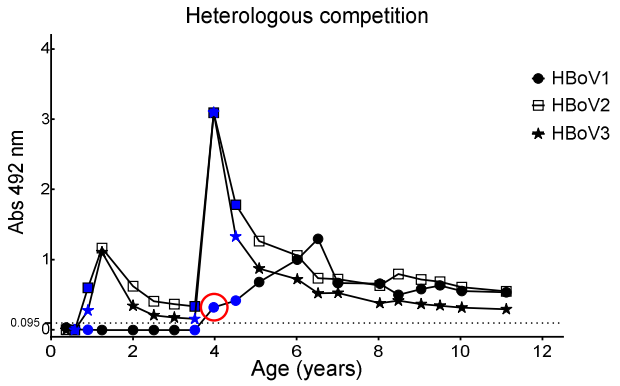
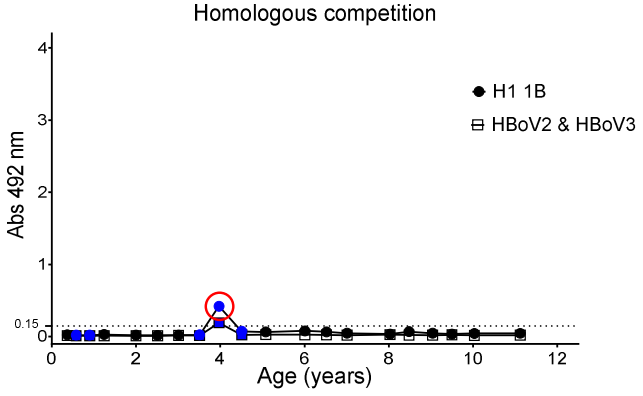
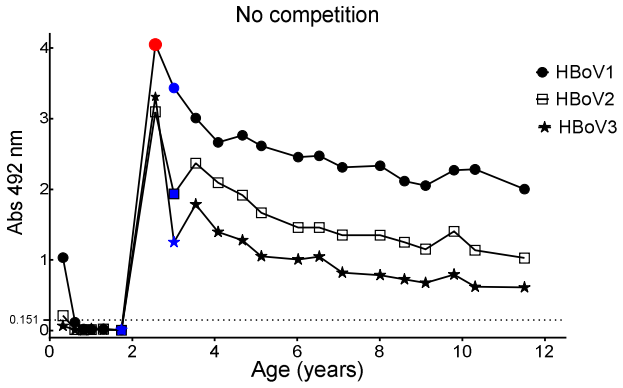
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

7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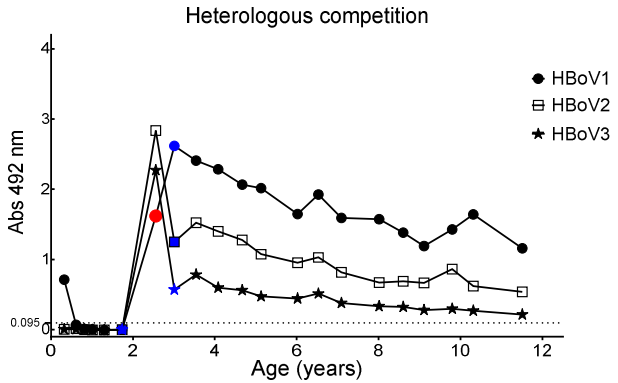
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151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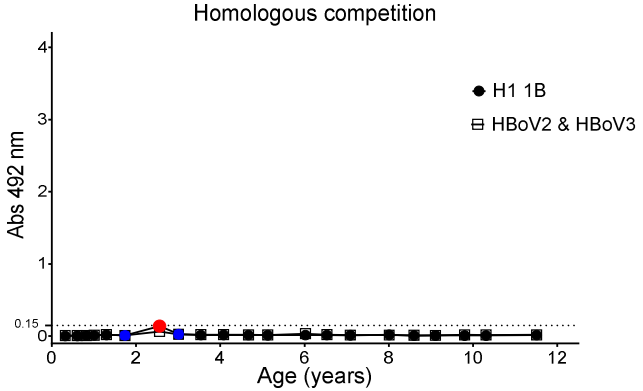
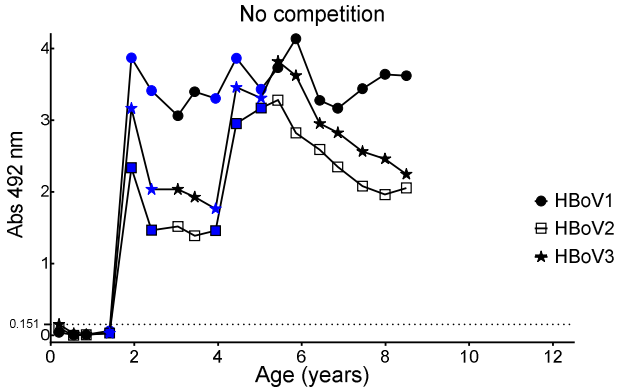
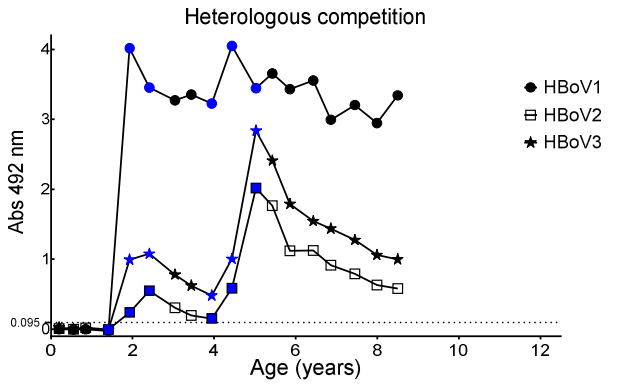
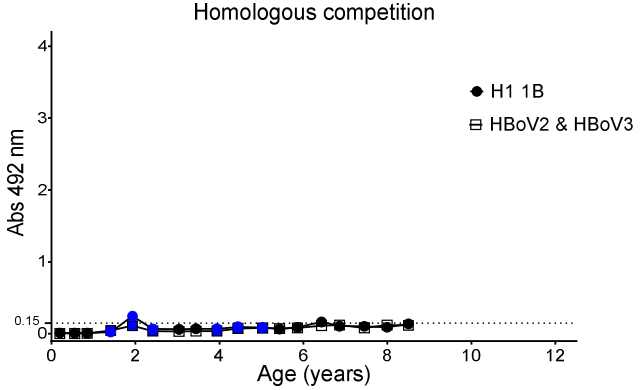
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

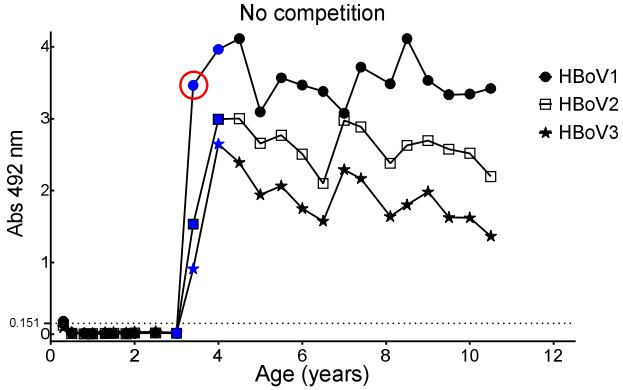
8

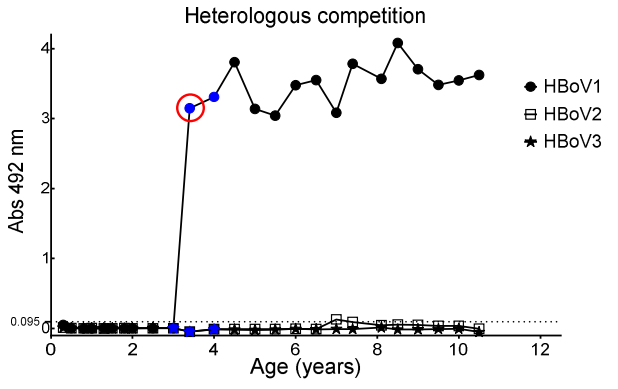

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

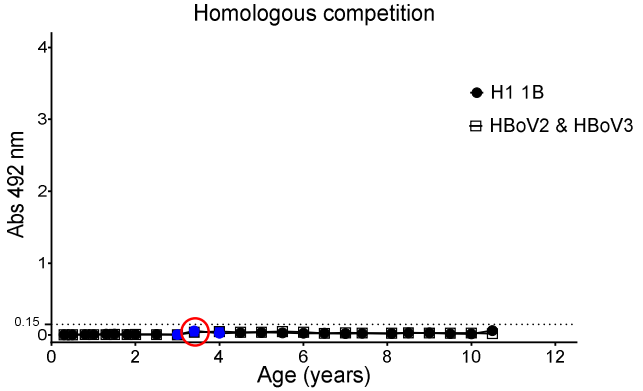

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

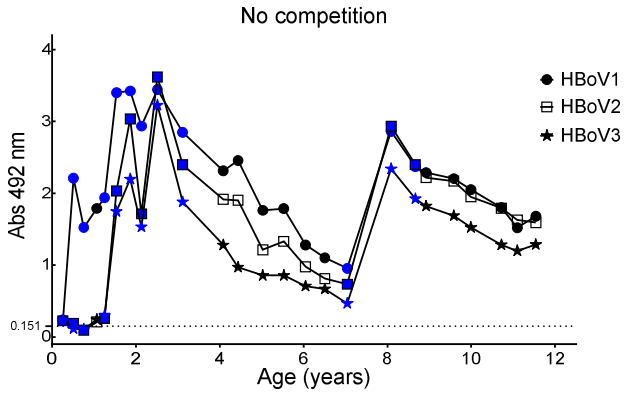
9


No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

10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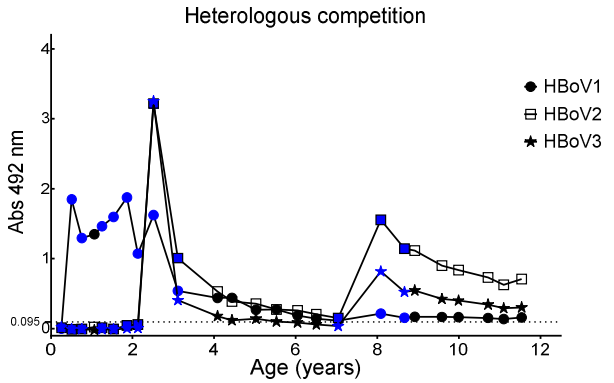
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151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Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
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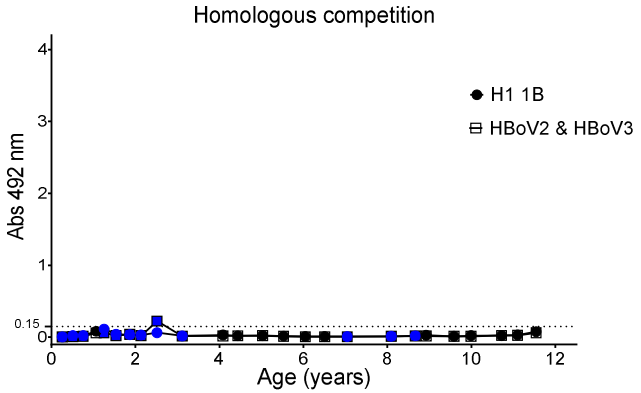
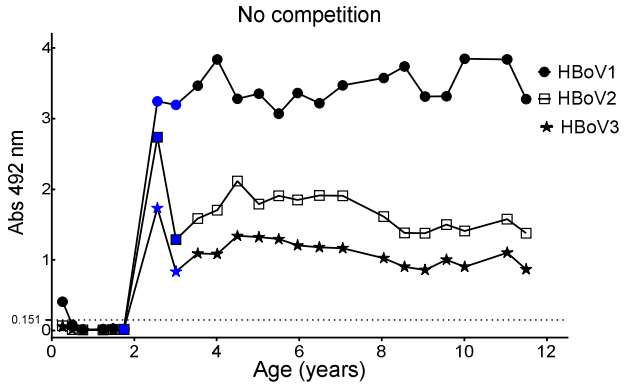

Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

11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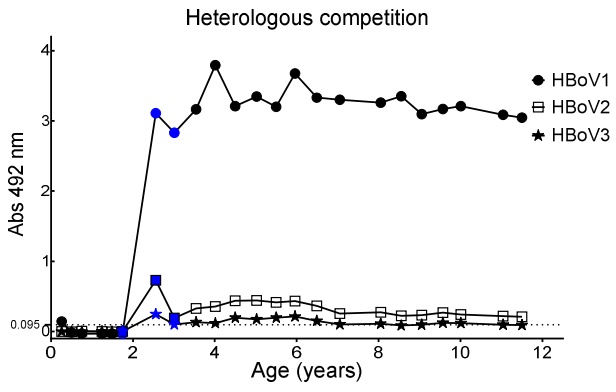
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
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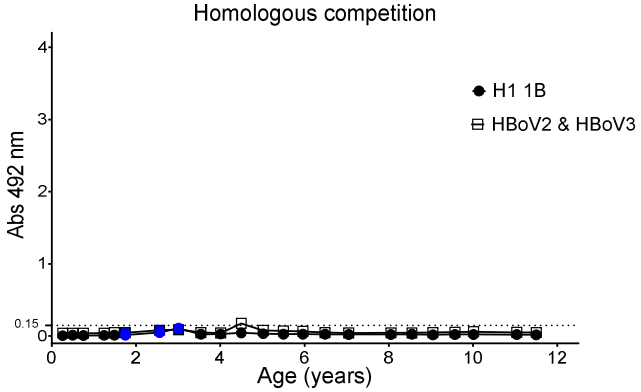
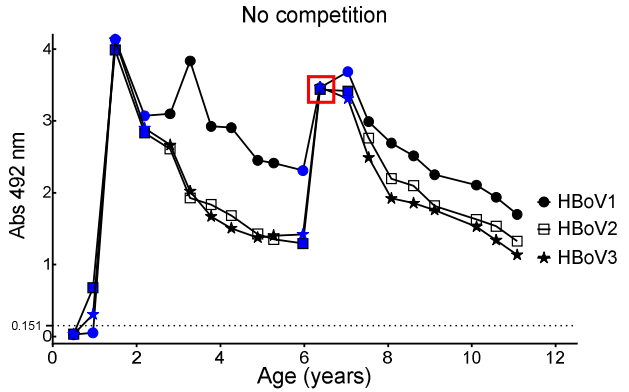

Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

12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Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
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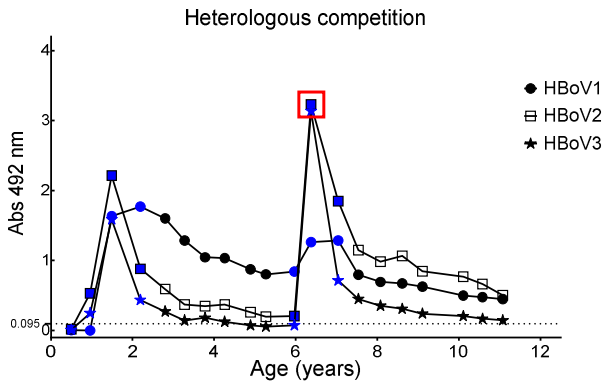
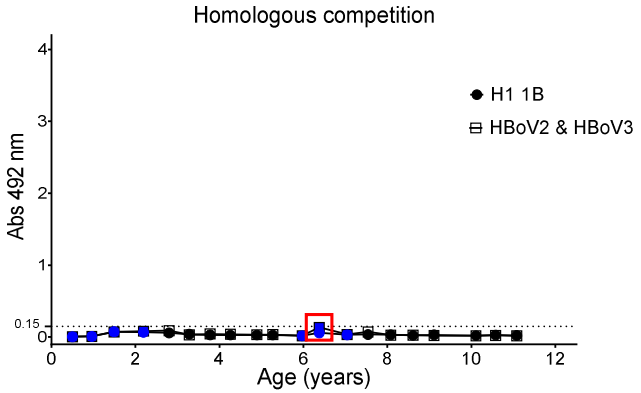
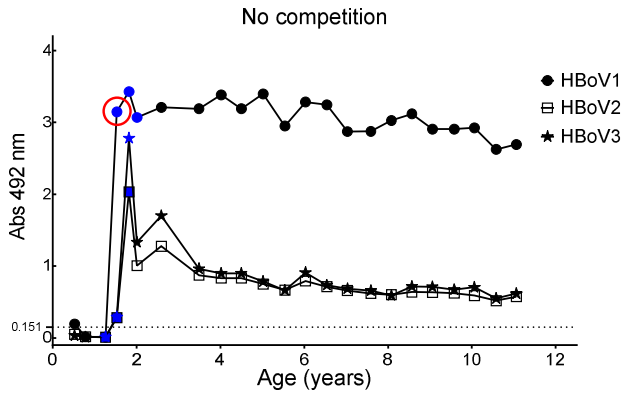
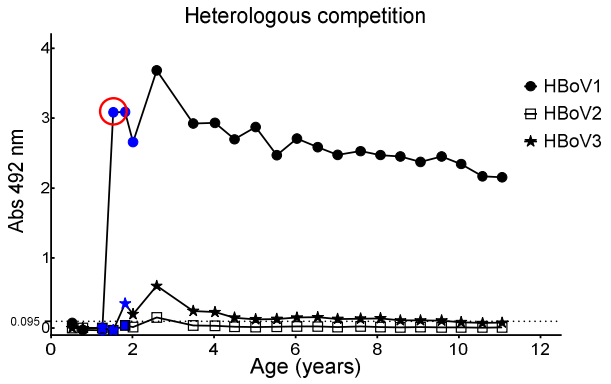
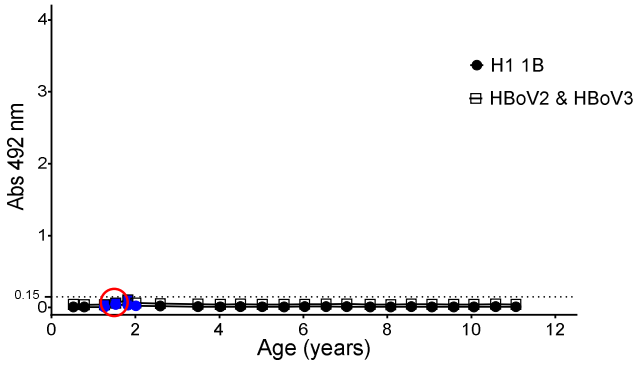

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

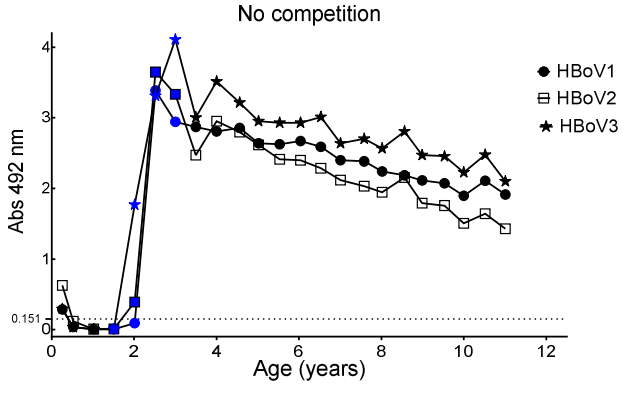
13

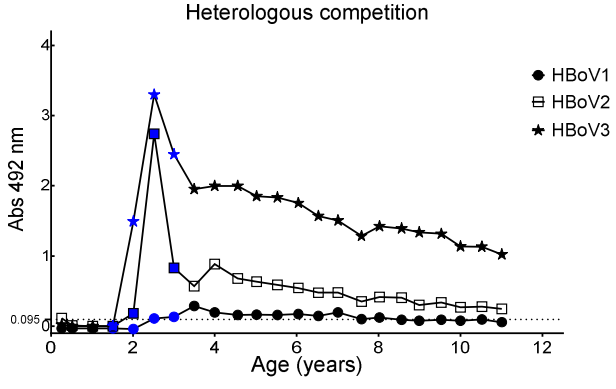

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

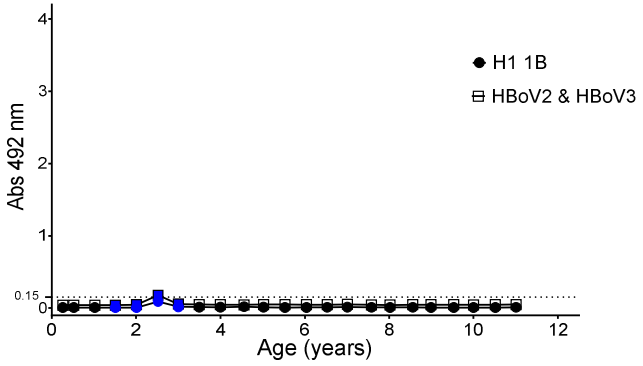

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

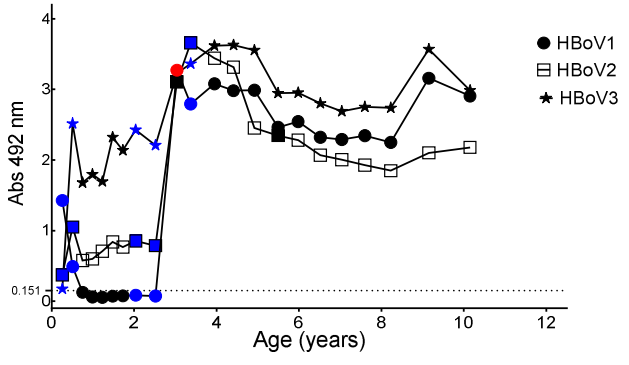
14

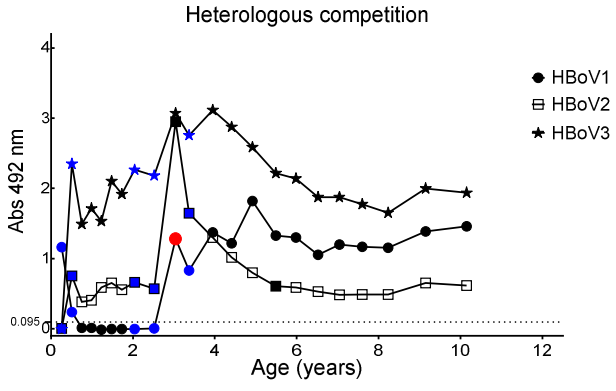

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

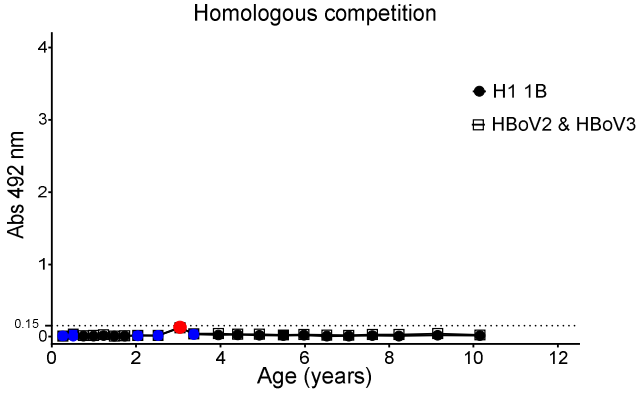

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

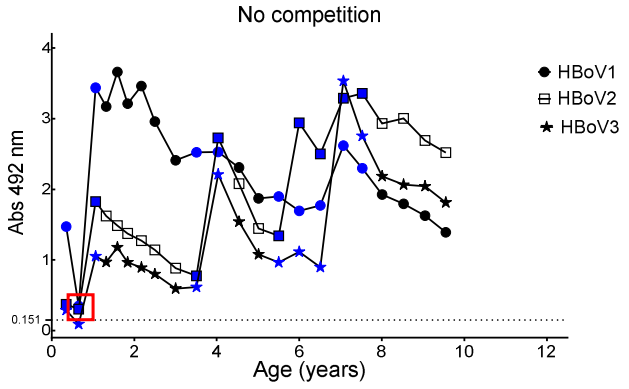
15

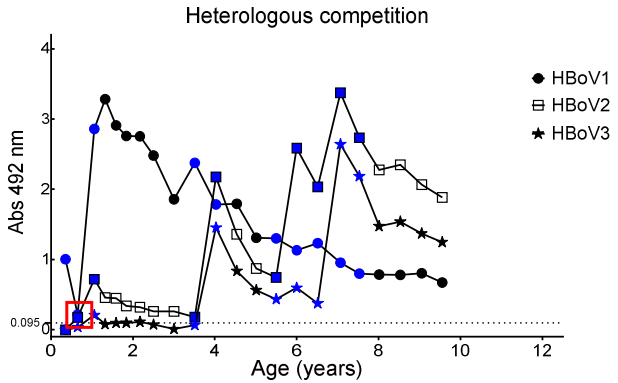

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

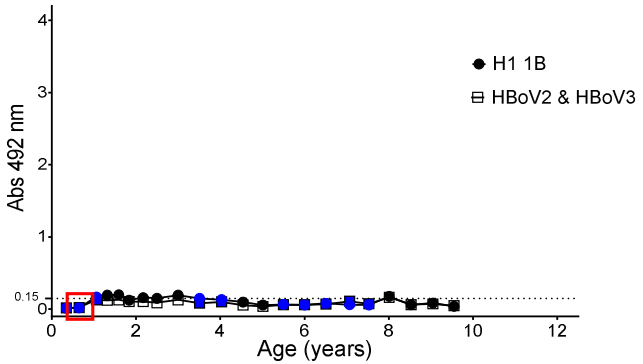

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

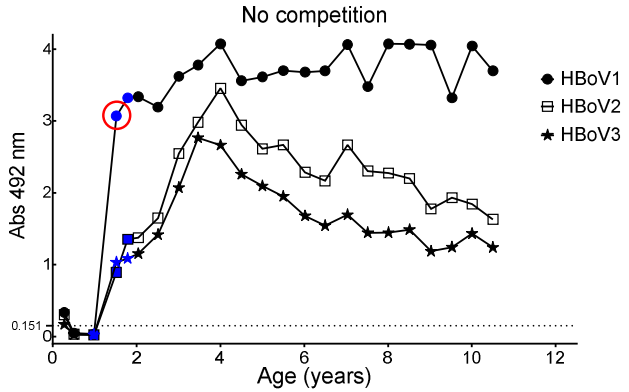
16

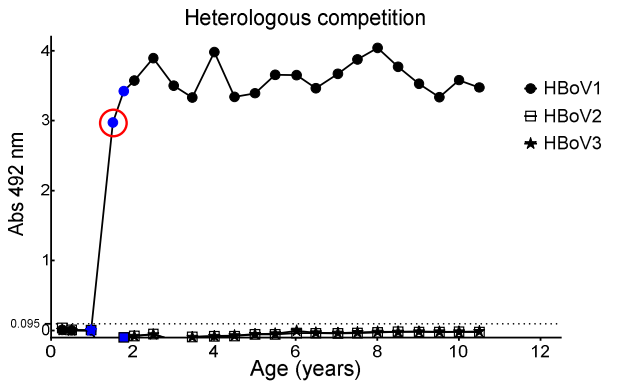

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

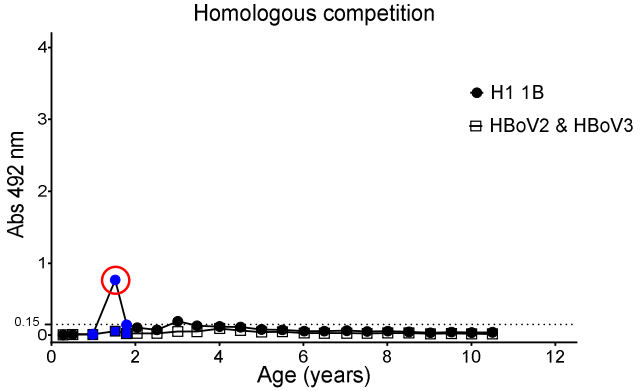

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

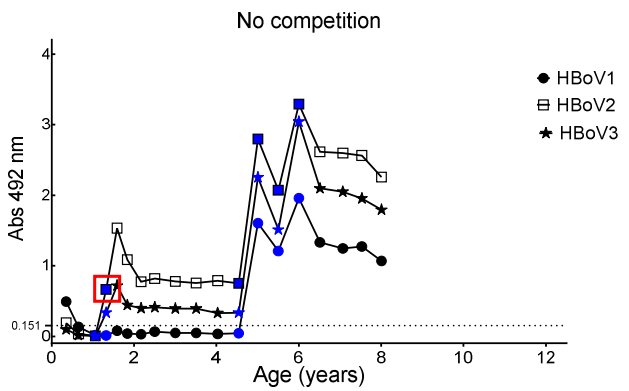
17

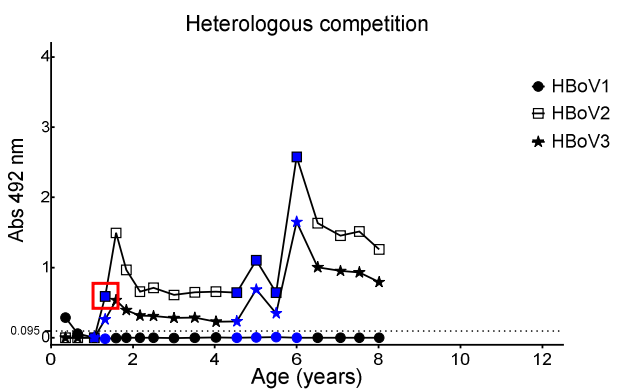

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

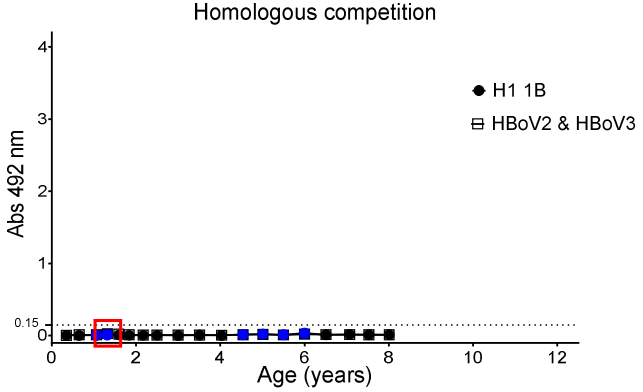

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

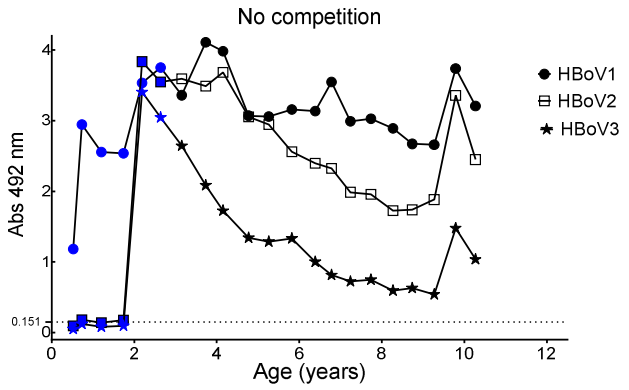
18

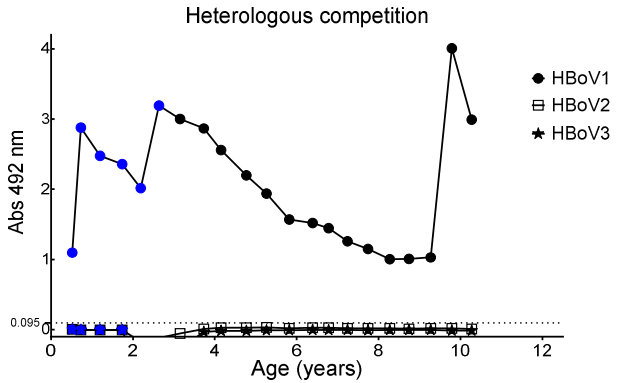

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

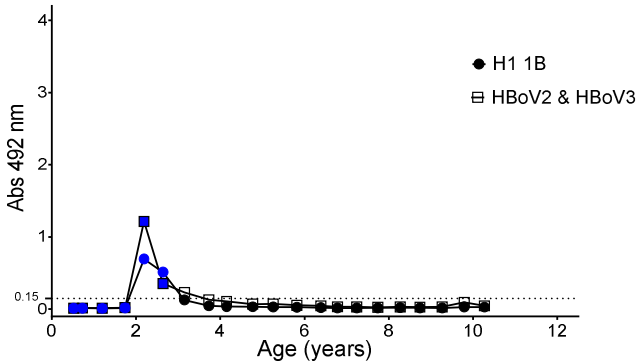

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

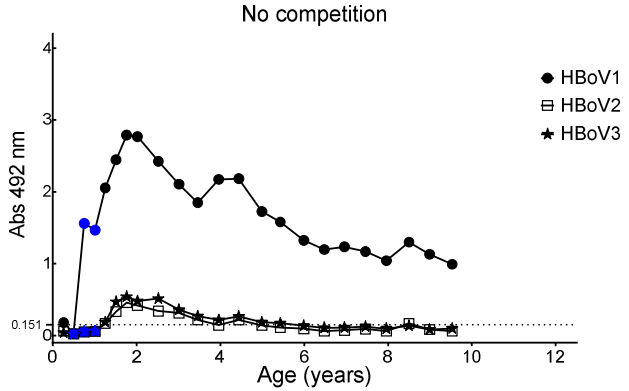
19

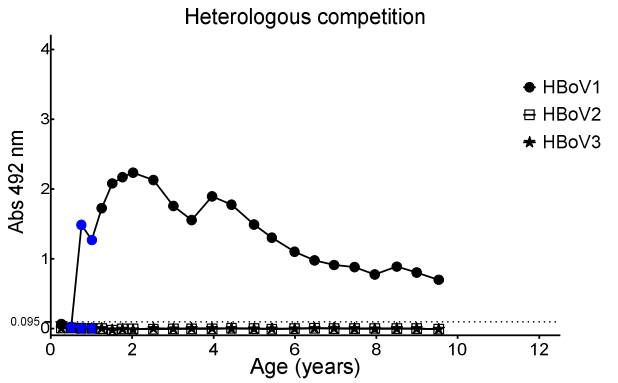

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

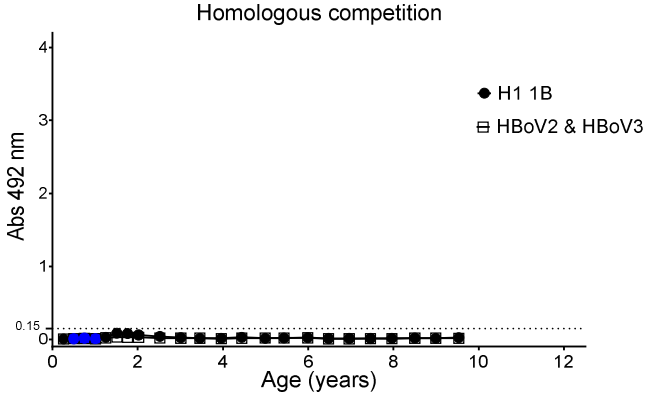

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

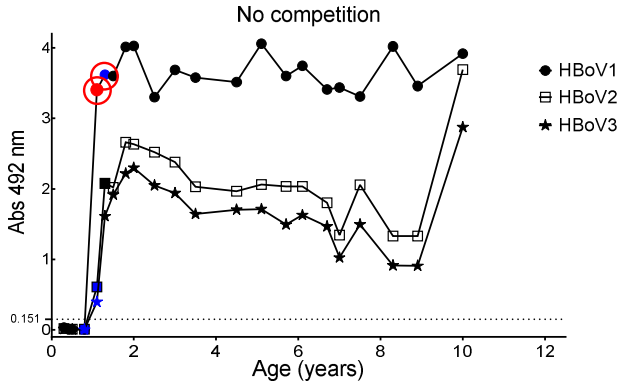
20

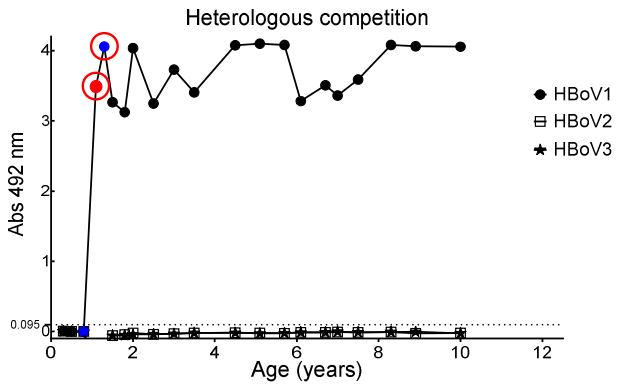

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

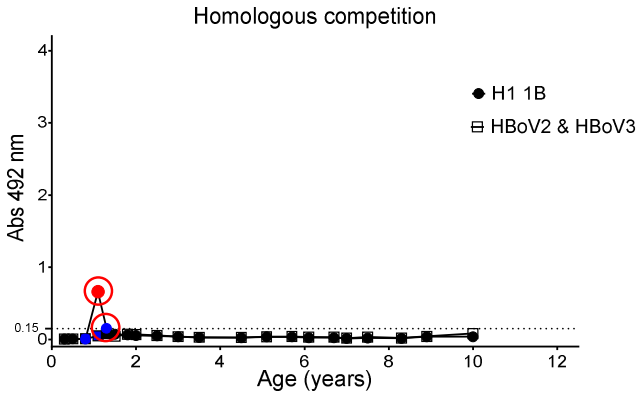

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

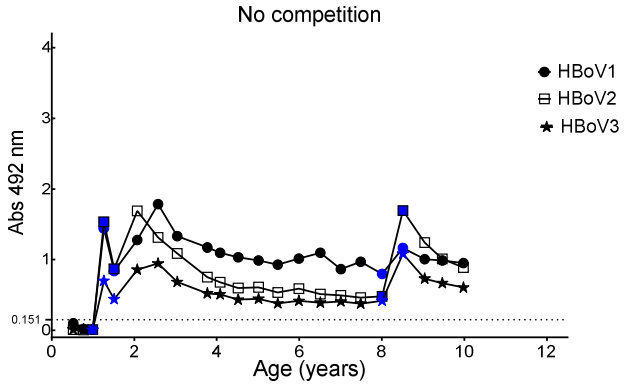
21

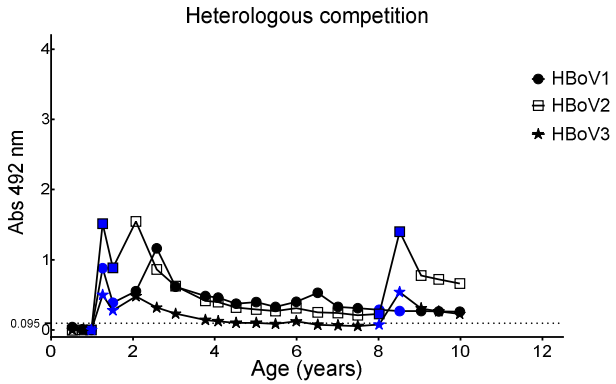

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

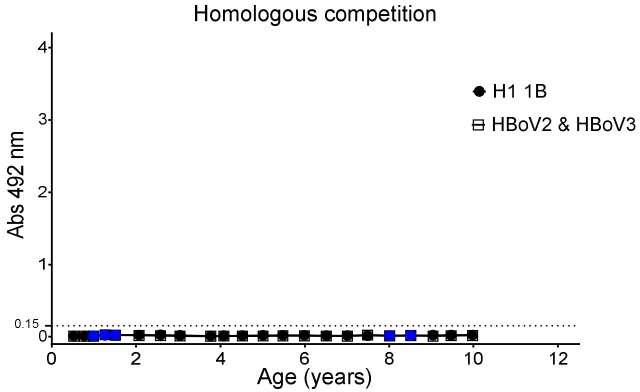

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

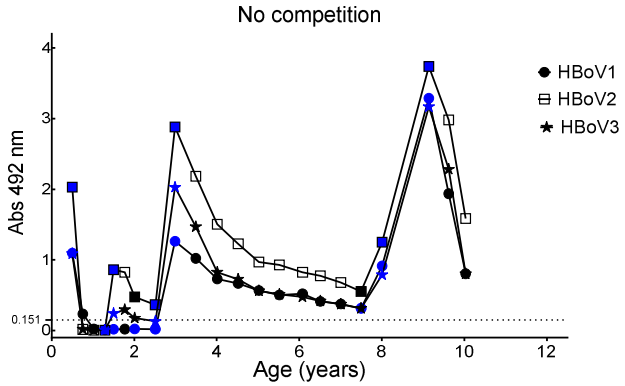
22

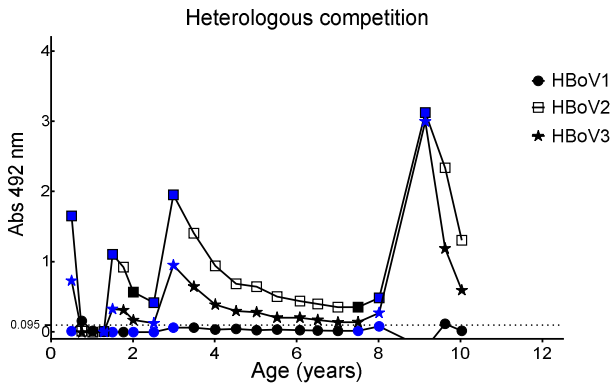

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

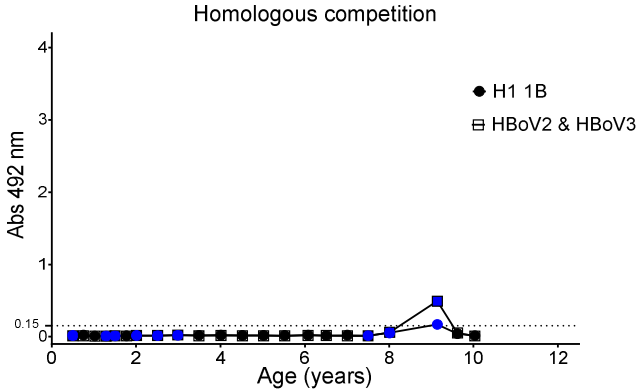

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

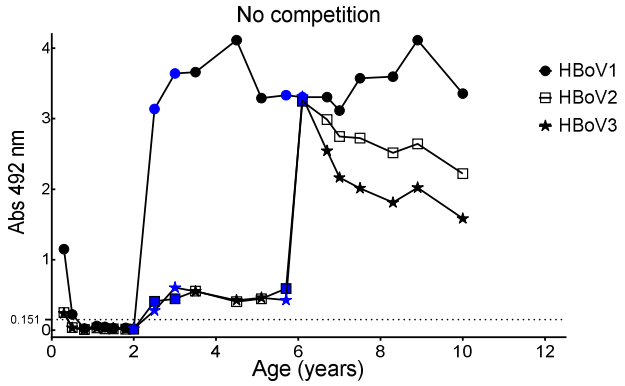
23

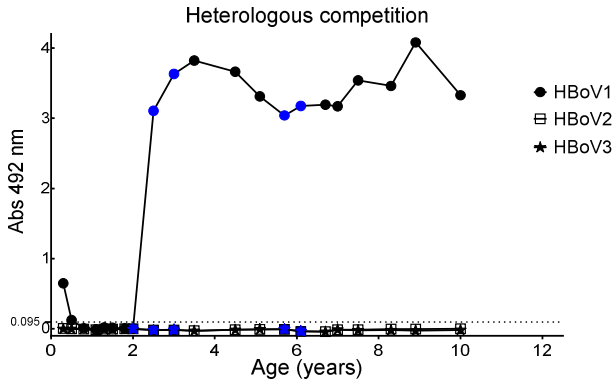

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

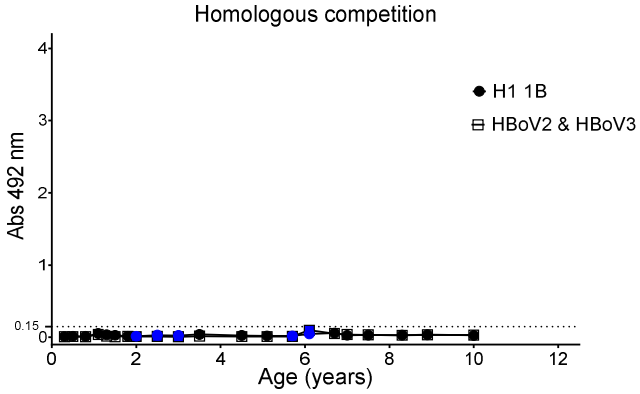

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

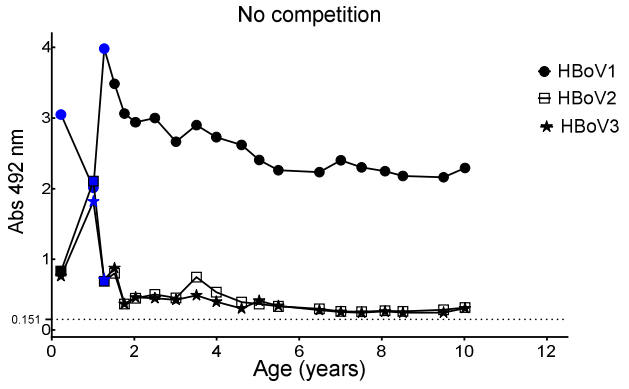
24

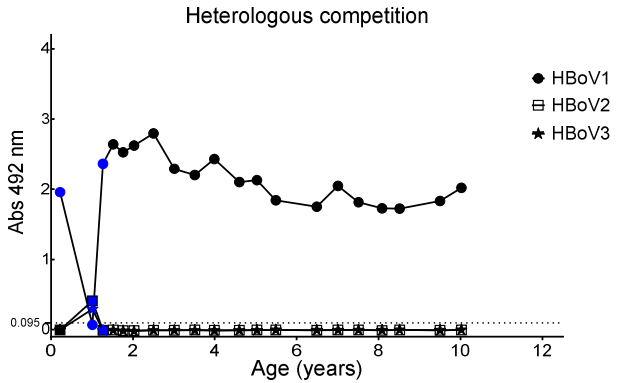

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

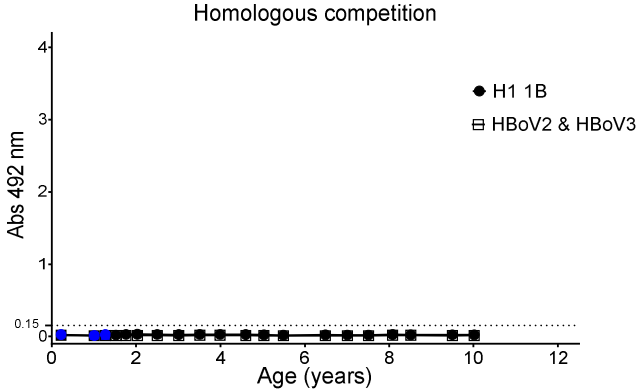

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

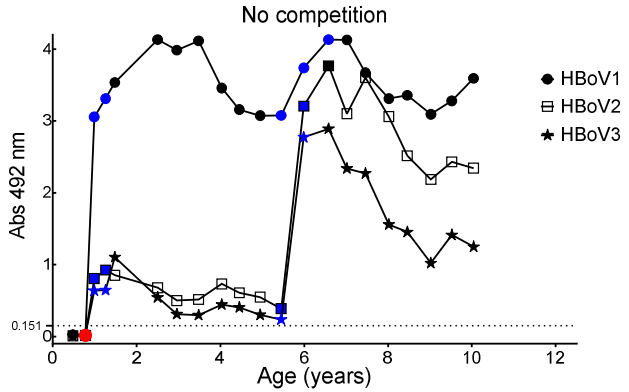
25

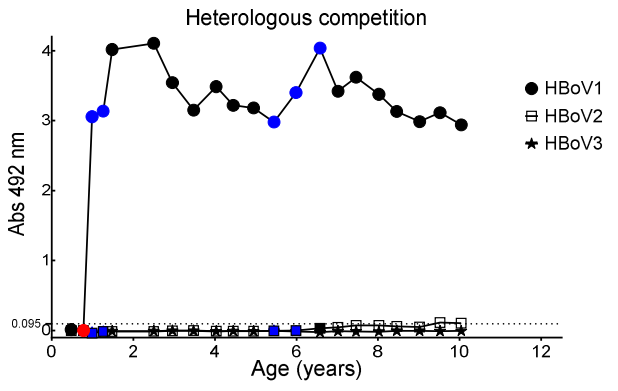

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

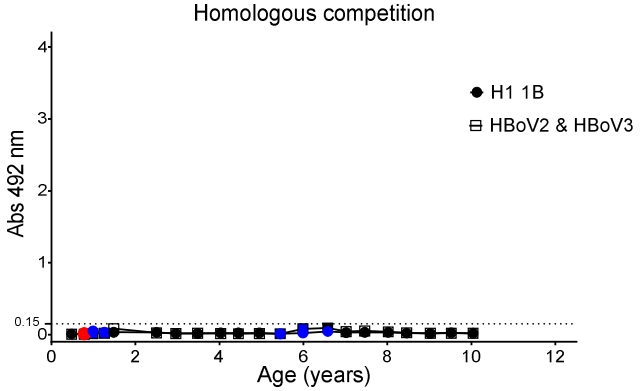

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

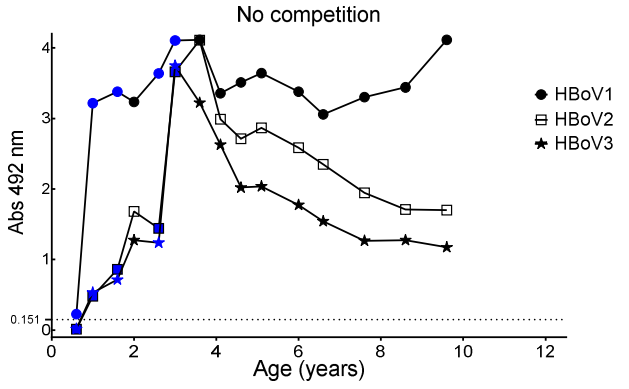
26

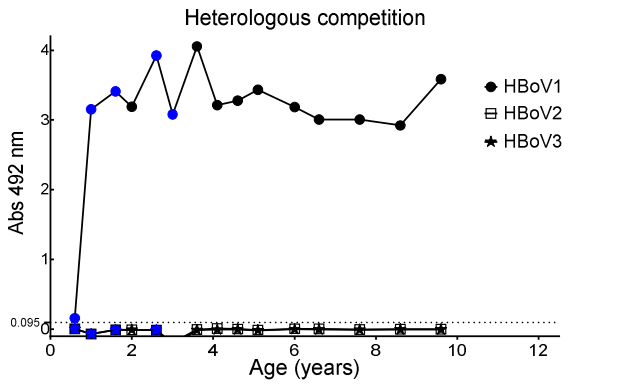

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

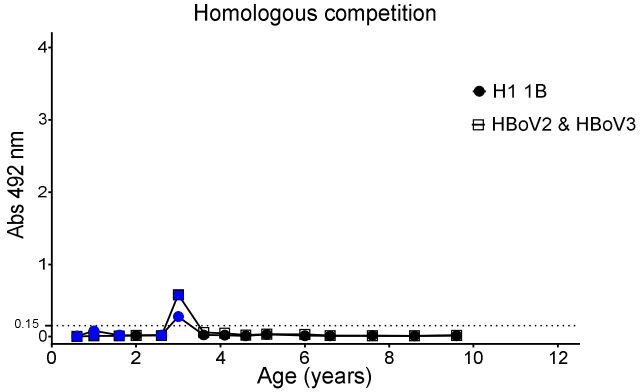

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

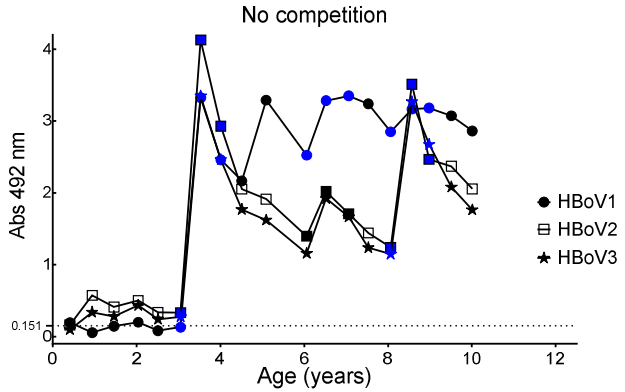
27

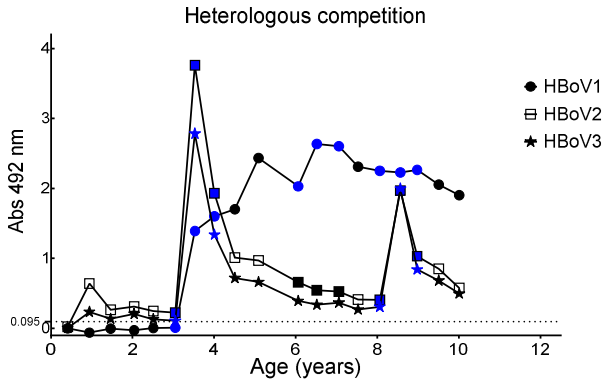

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

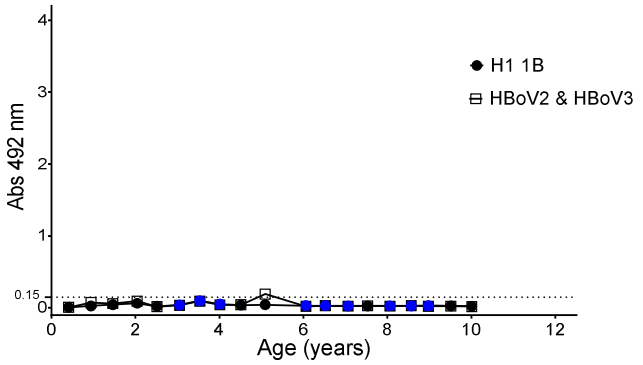

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

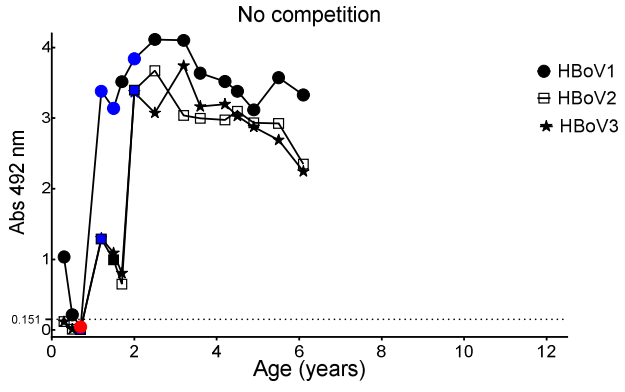
28

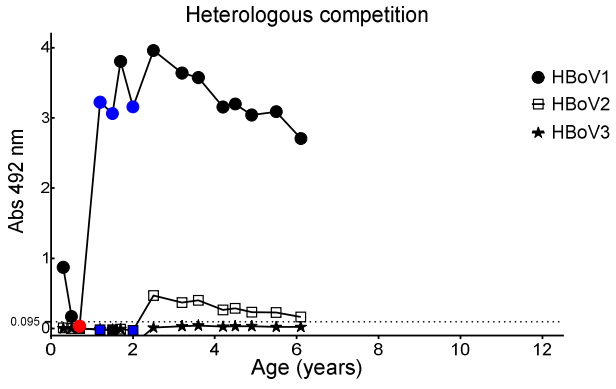

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

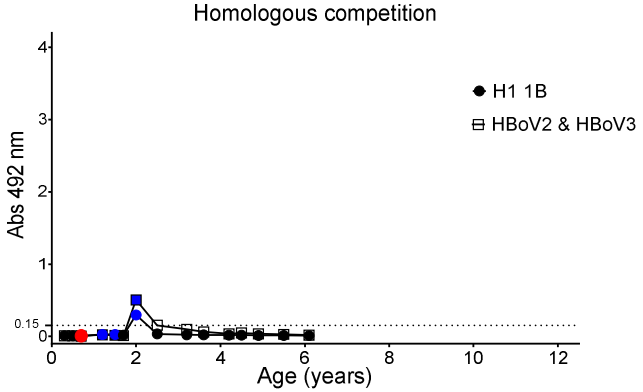

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

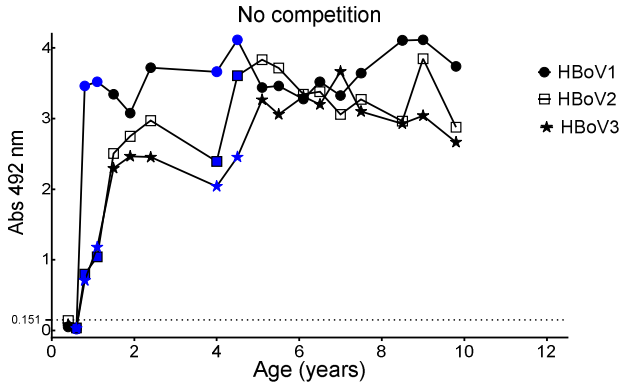
29

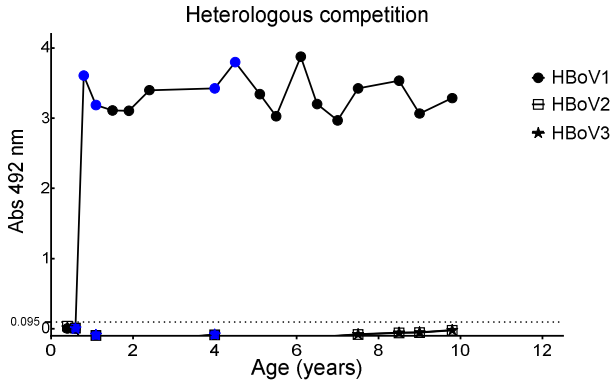

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

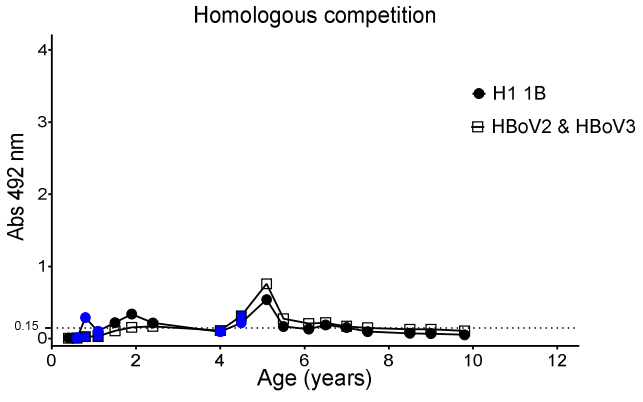

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

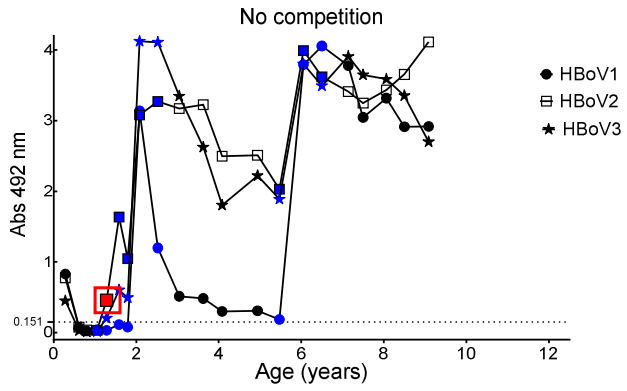
30

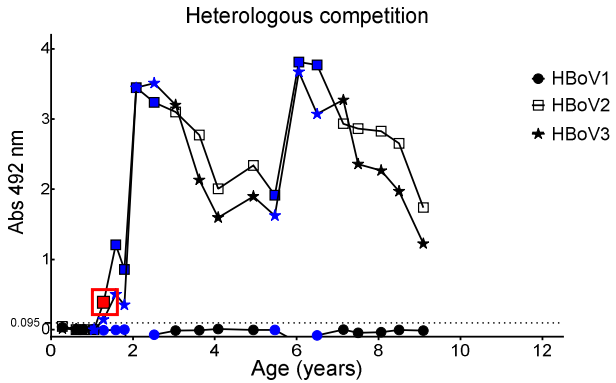

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

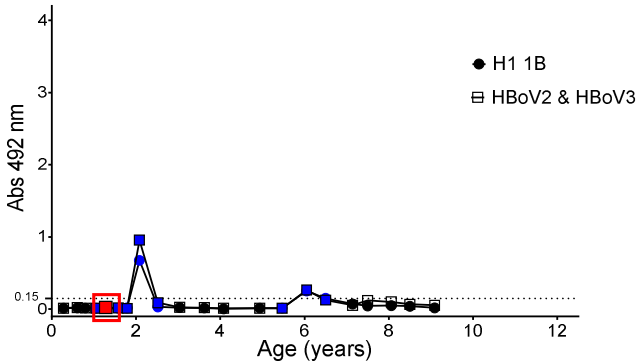

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

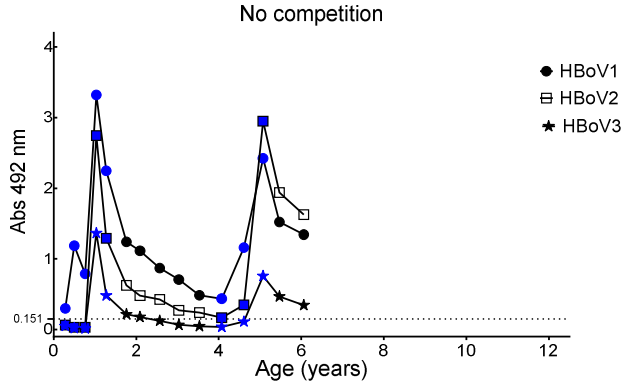
31

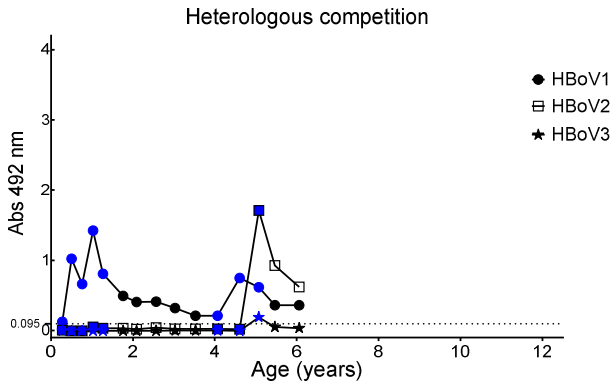

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

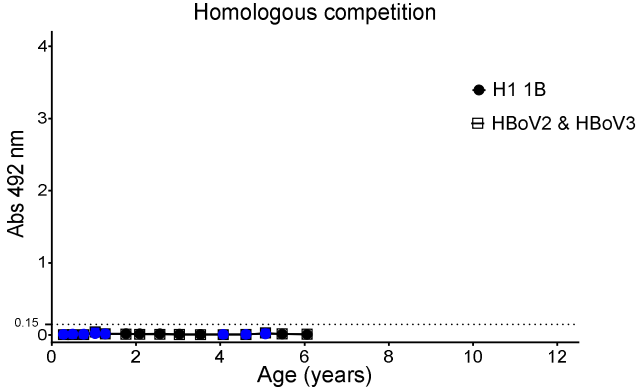

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

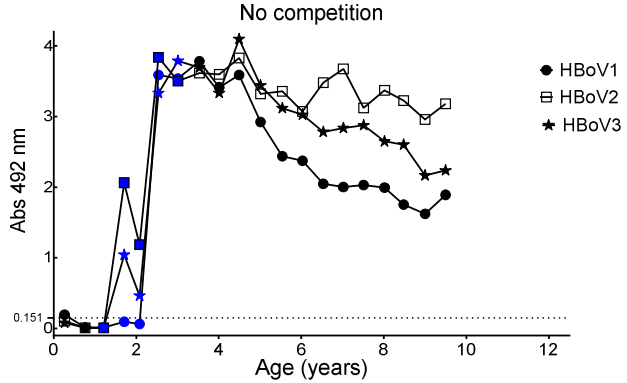
32

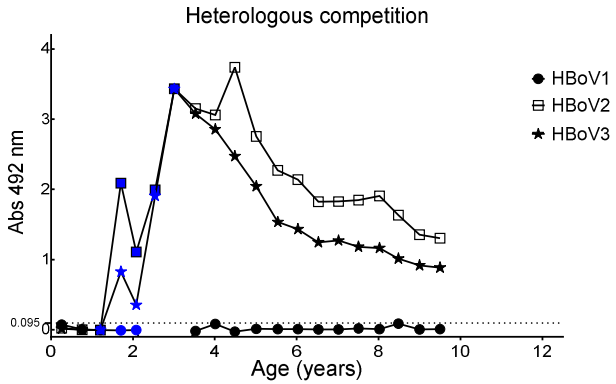

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

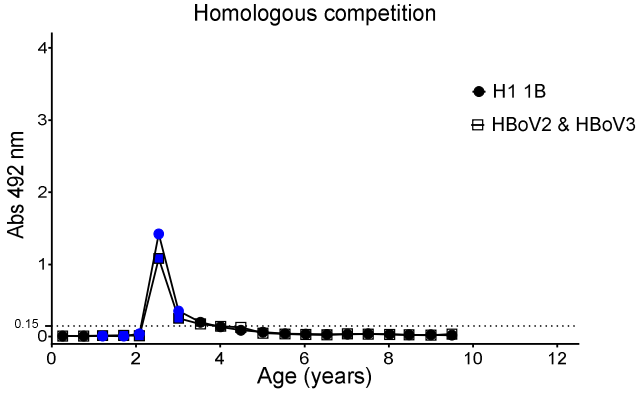

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

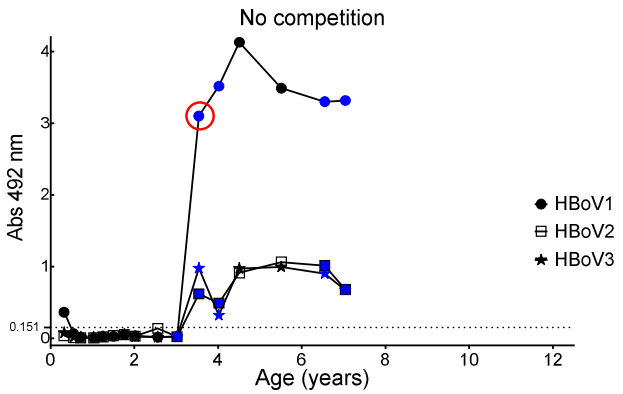
33

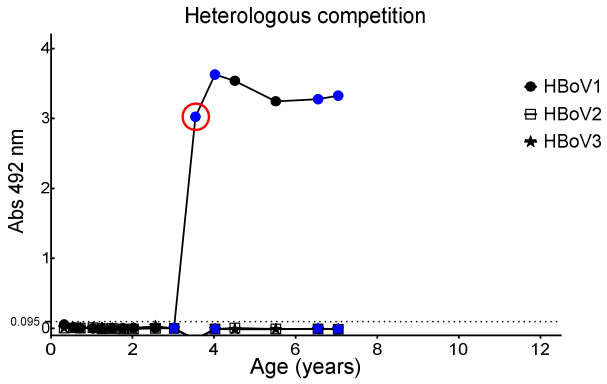

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

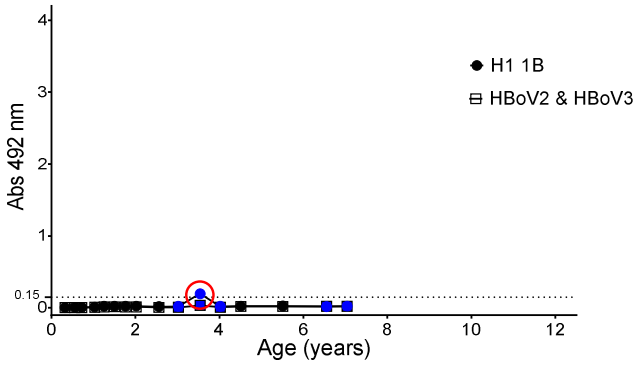

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

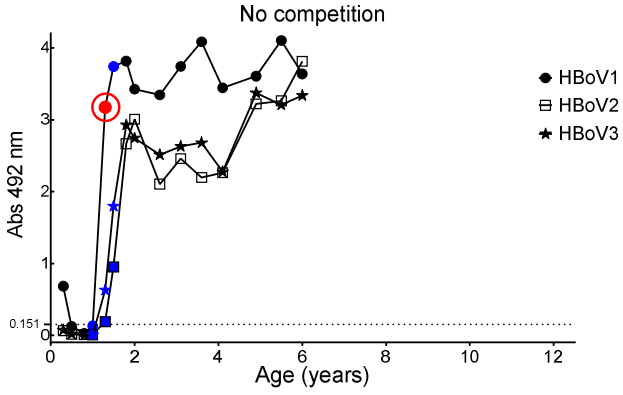
34

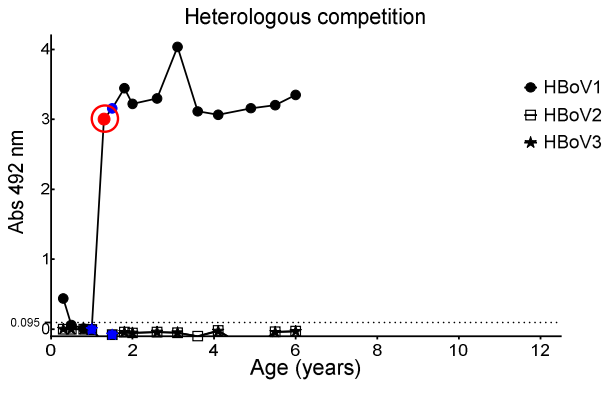

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

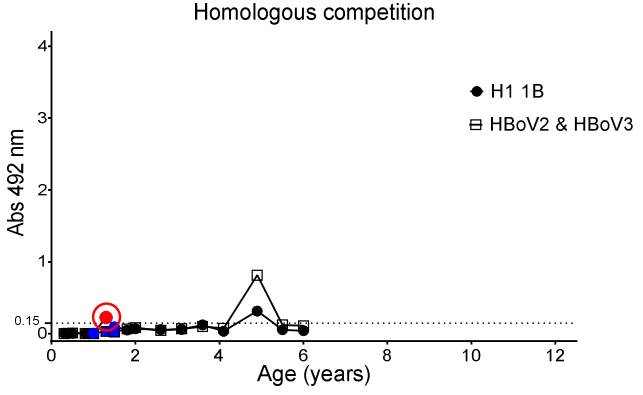

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

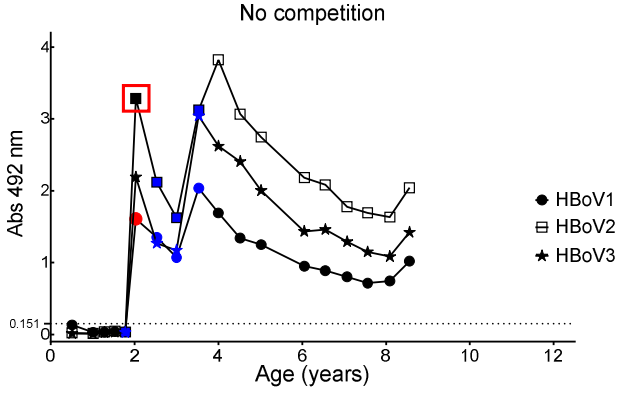
35

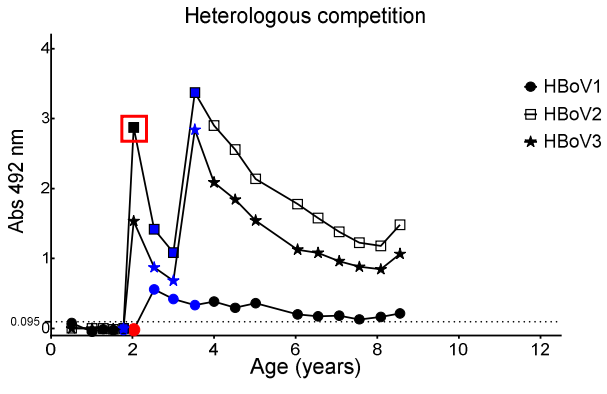

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

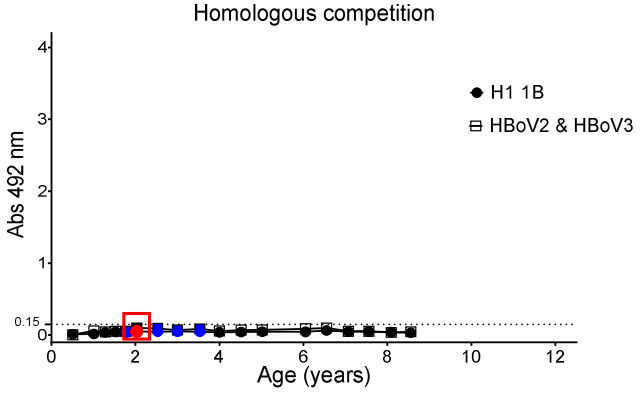

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

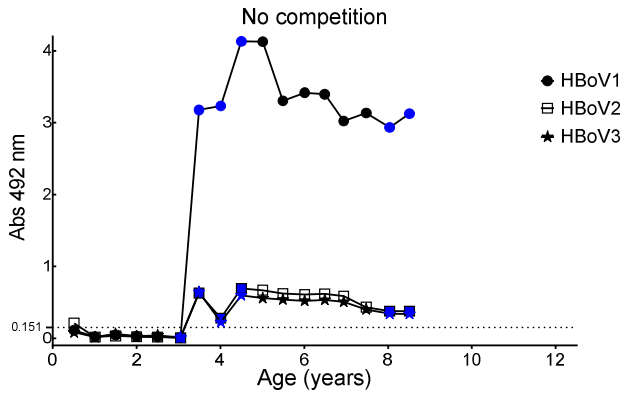
36

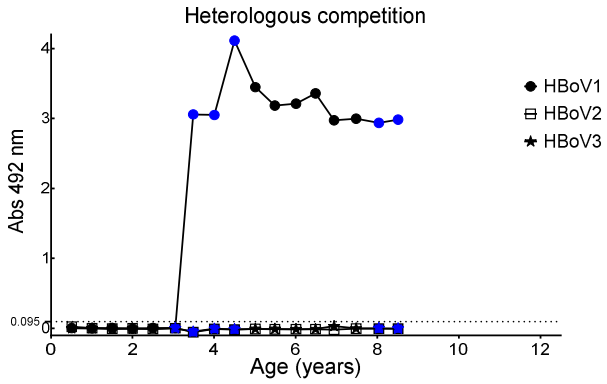

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

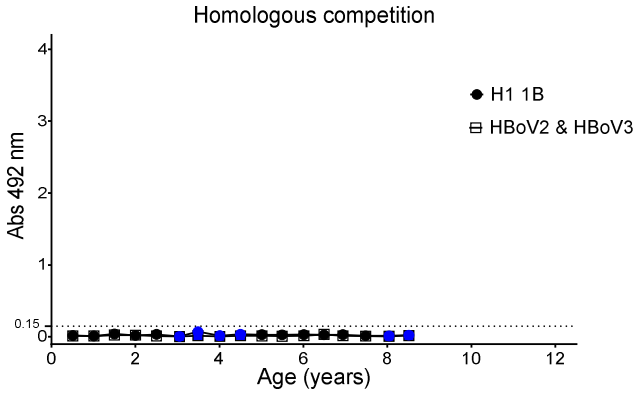

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

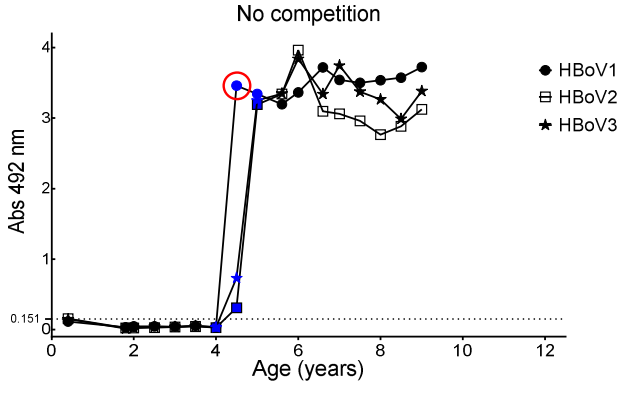
37

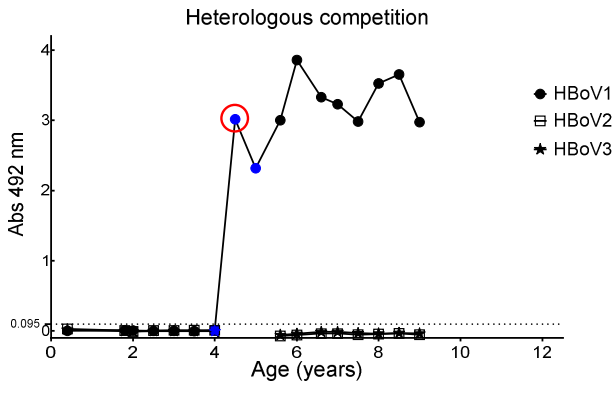

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

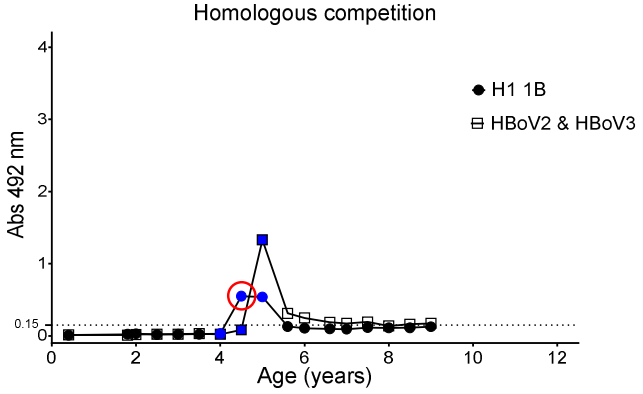

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

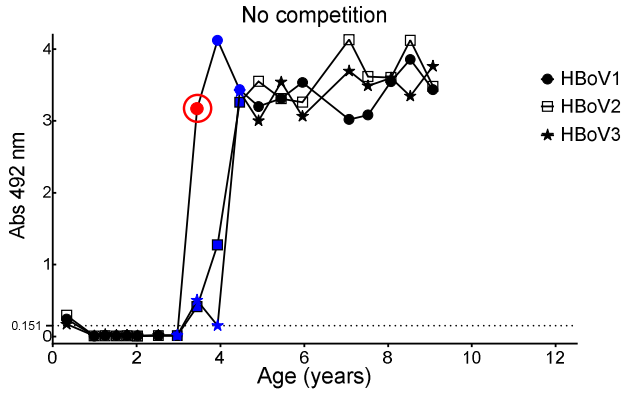
38

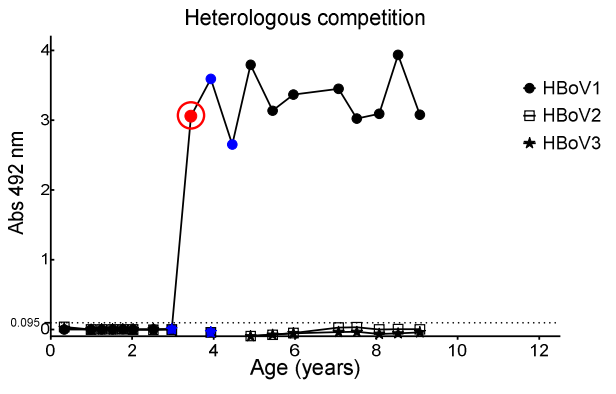

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

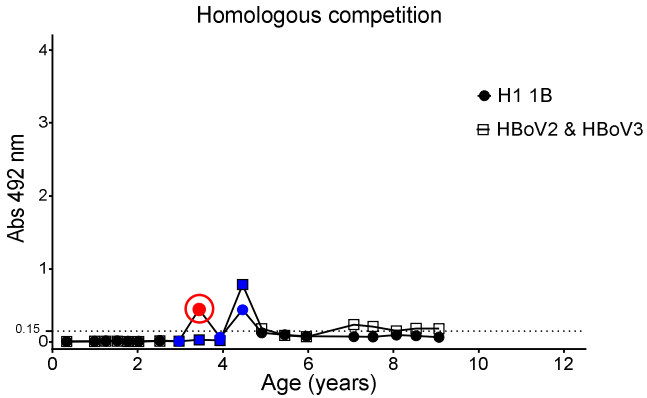

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

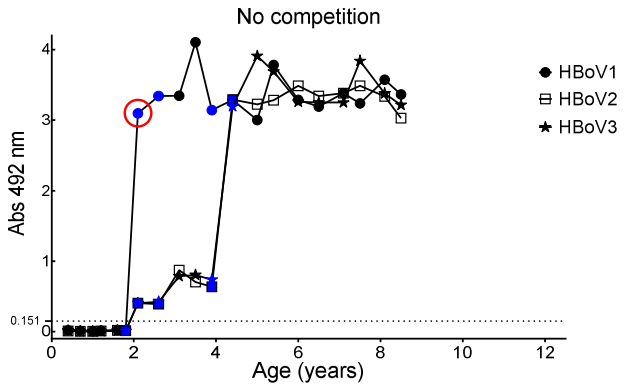
39

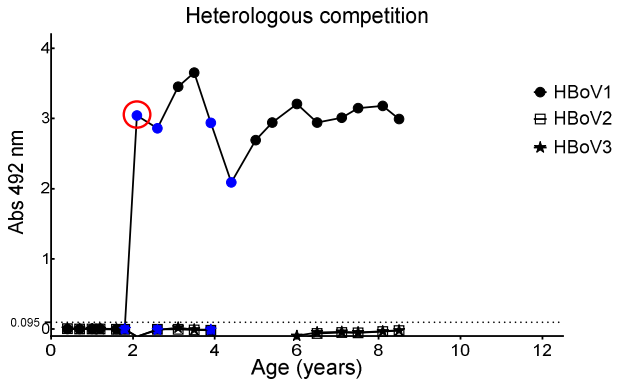

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

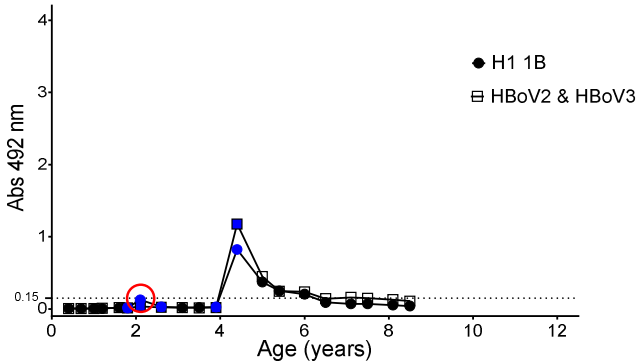

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

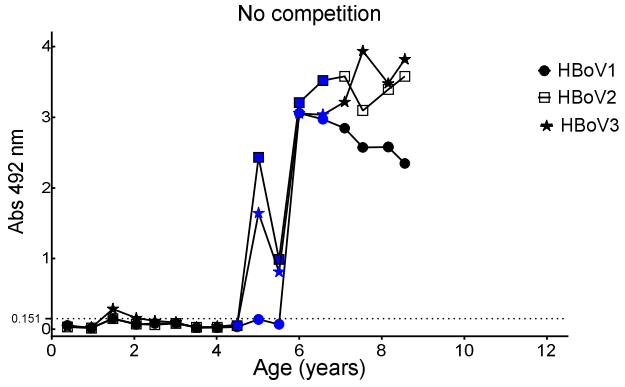
40

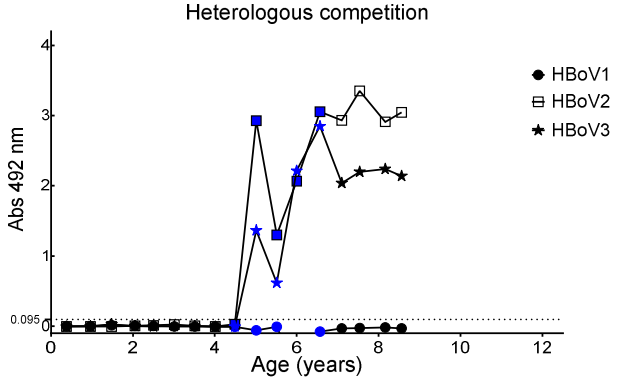

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

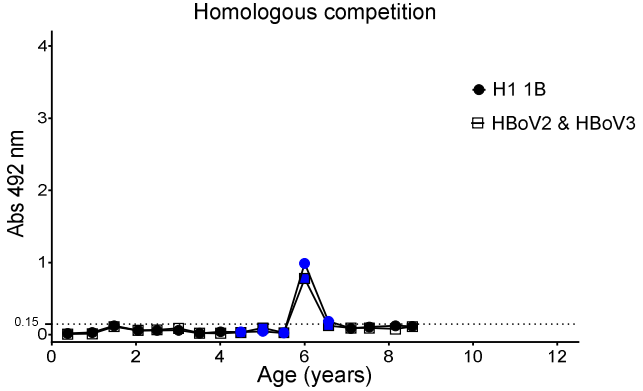

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

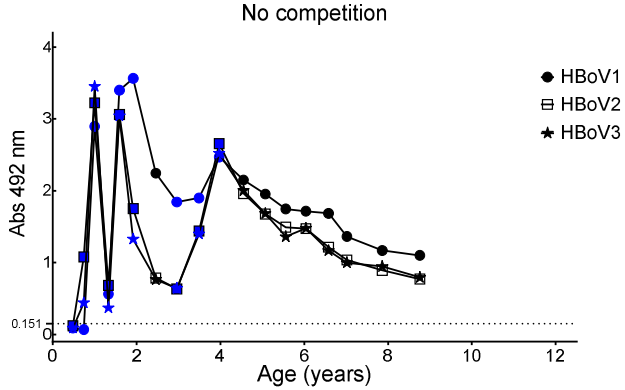
41

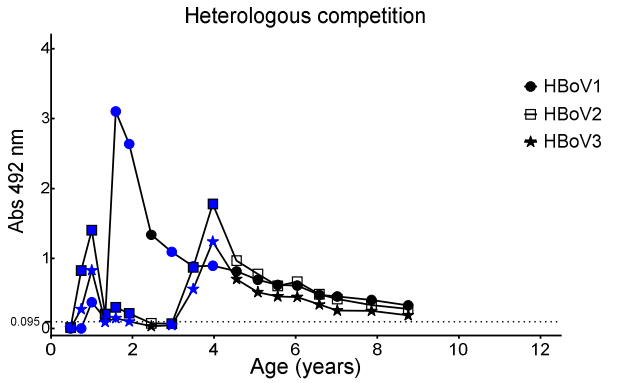

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

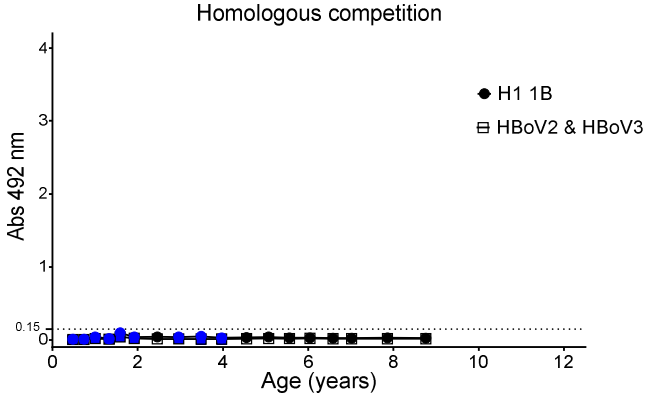

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

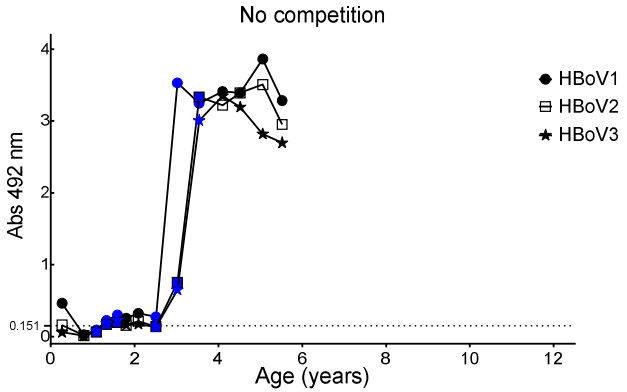
42

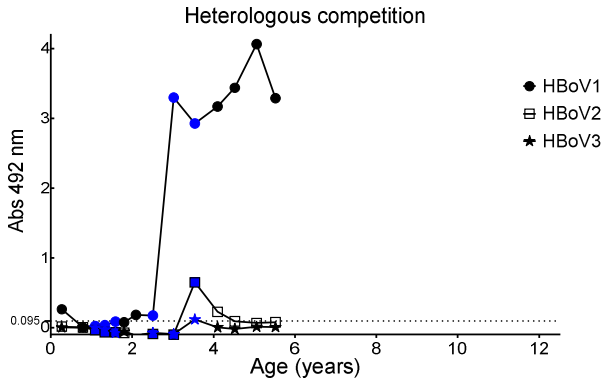

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

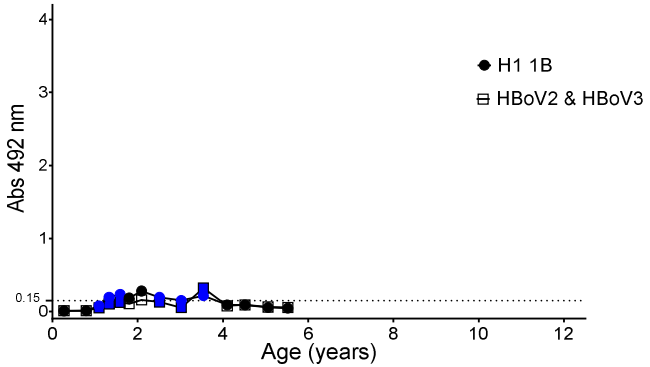

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

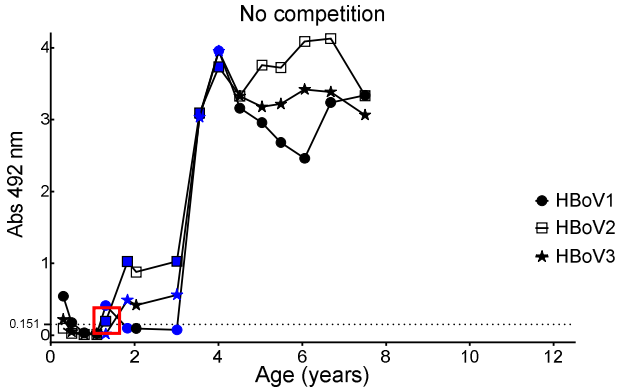
43

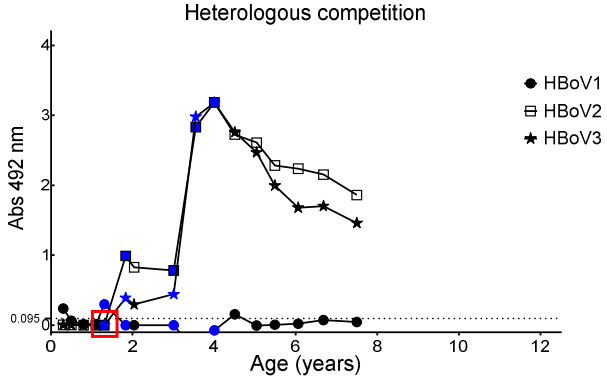

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

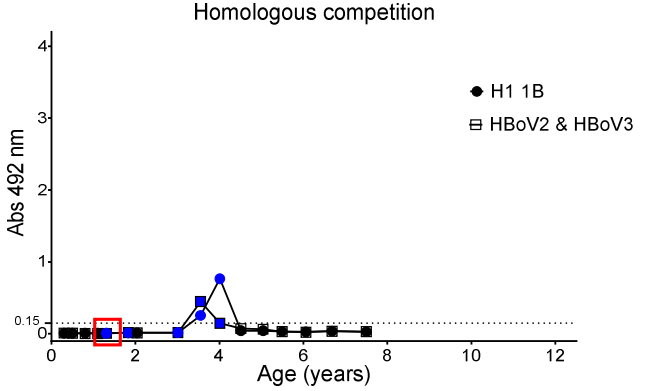

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

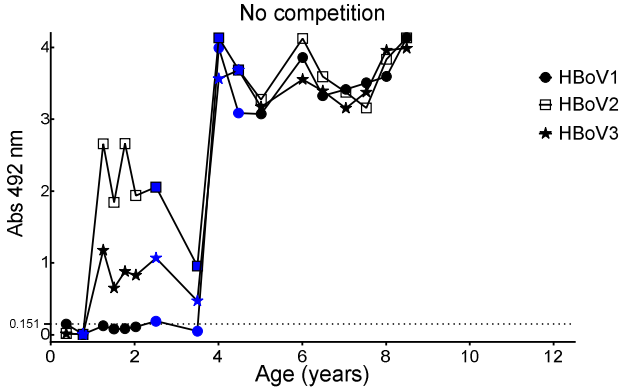
44

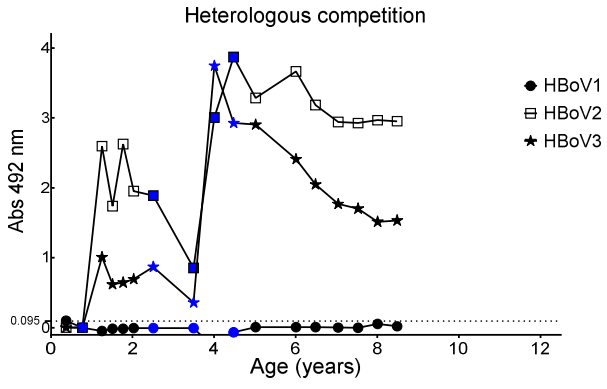

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

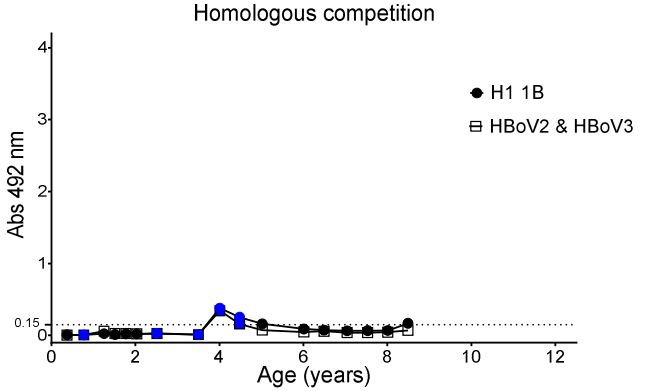

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

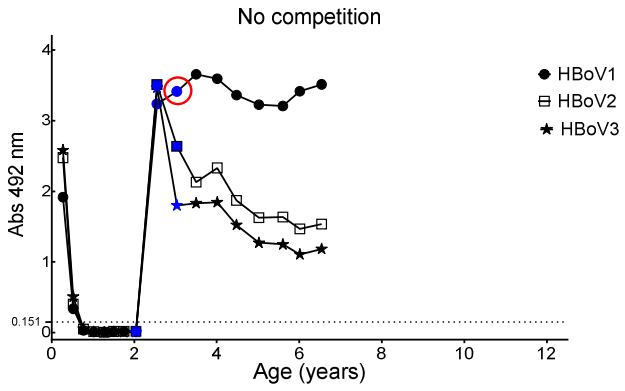
45

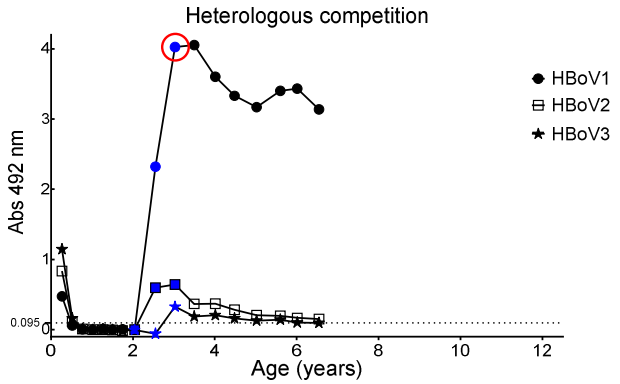

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

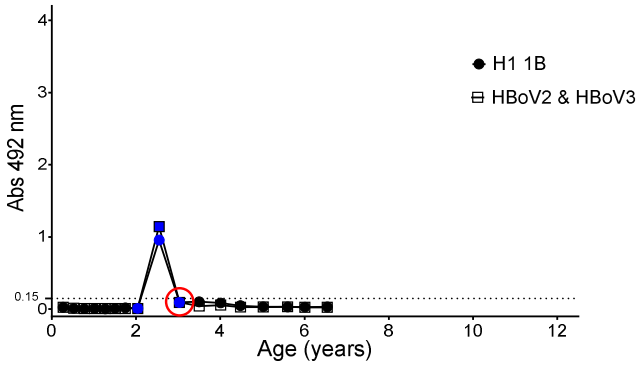

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

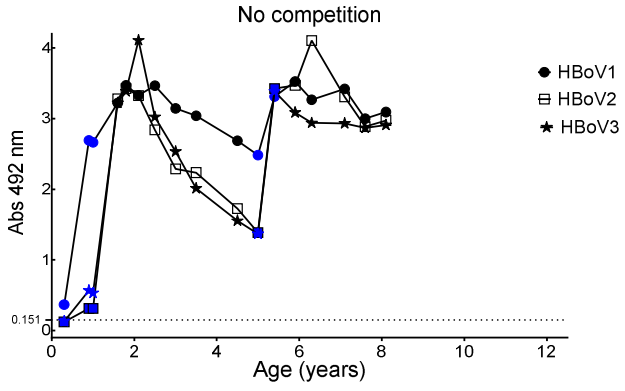
46

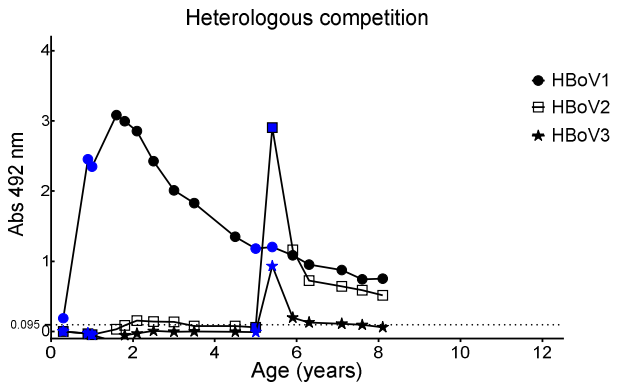

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

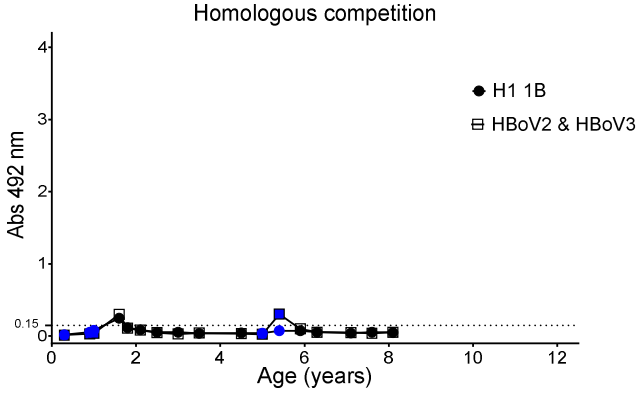

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

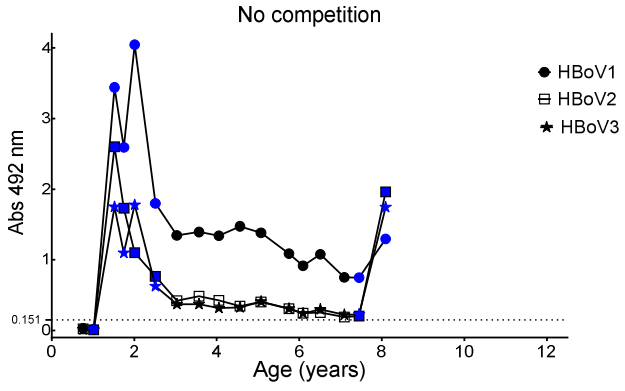
47

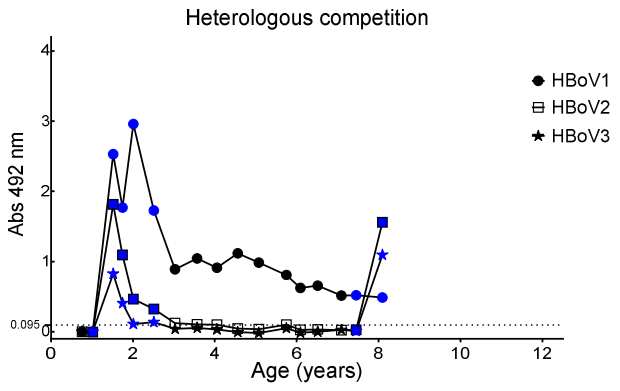

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

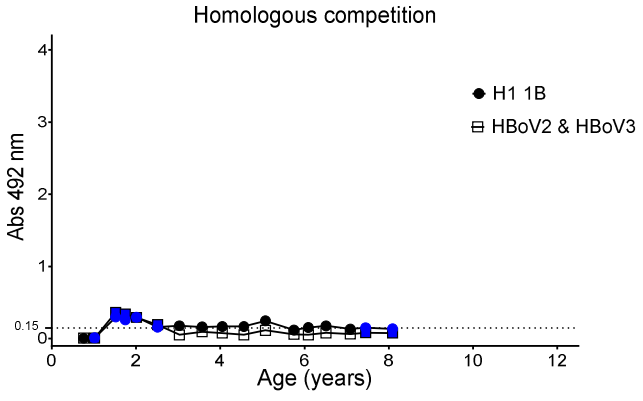

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

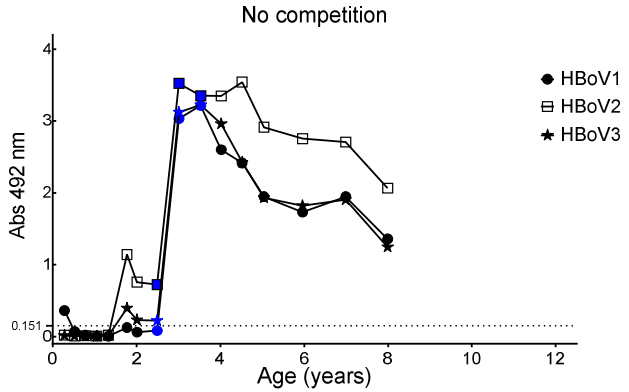
48

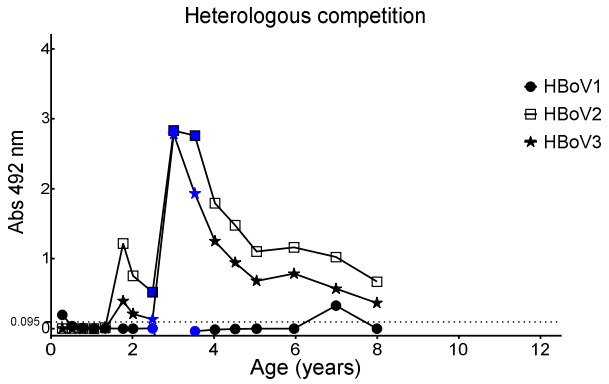

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

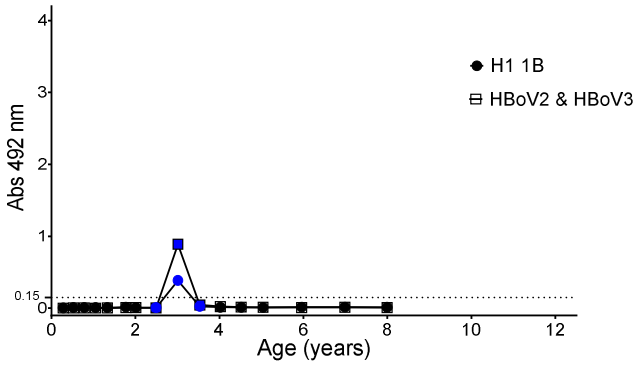

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

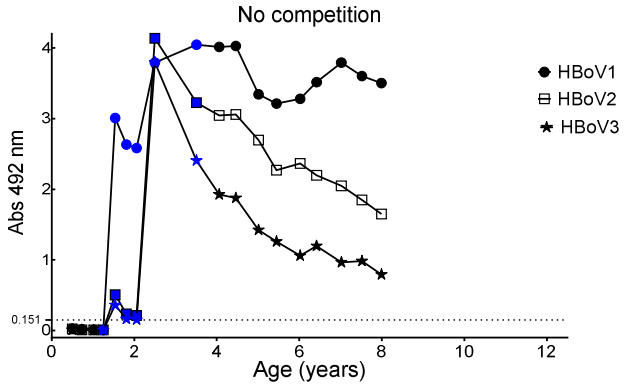
49

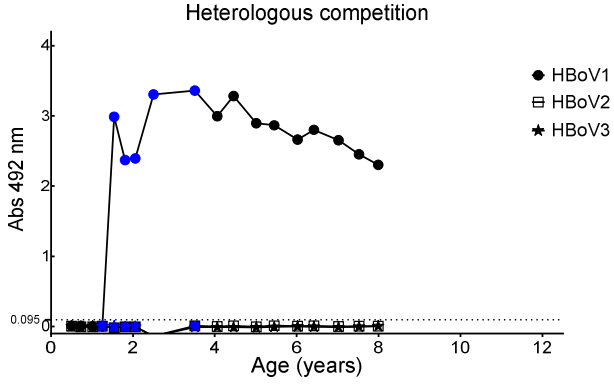

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

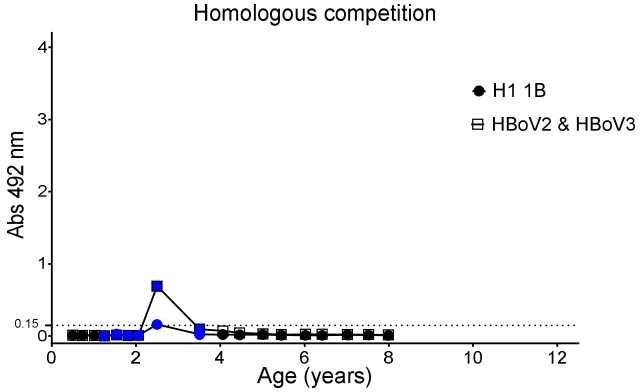

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

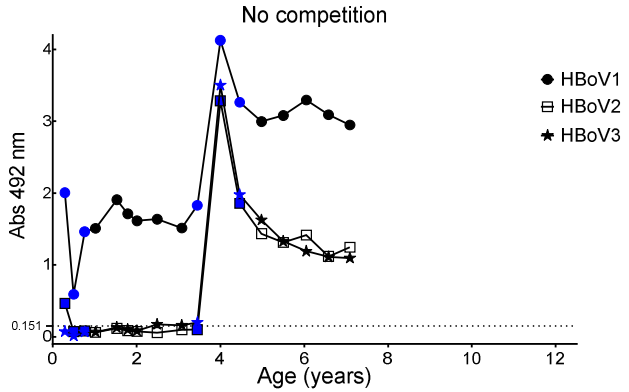
50

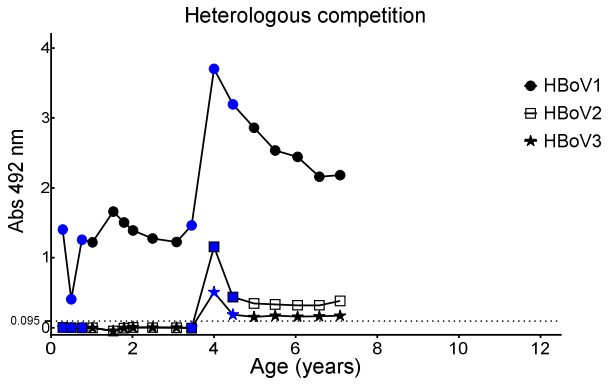

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

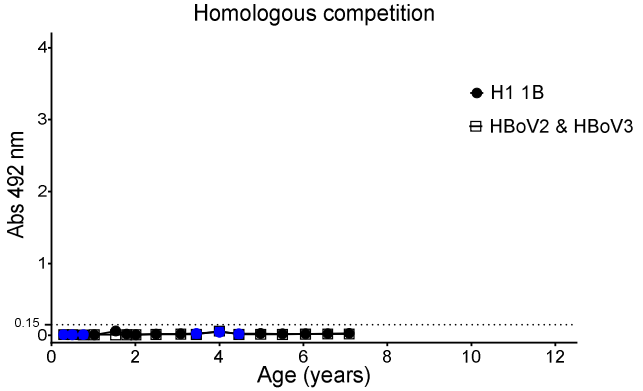

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

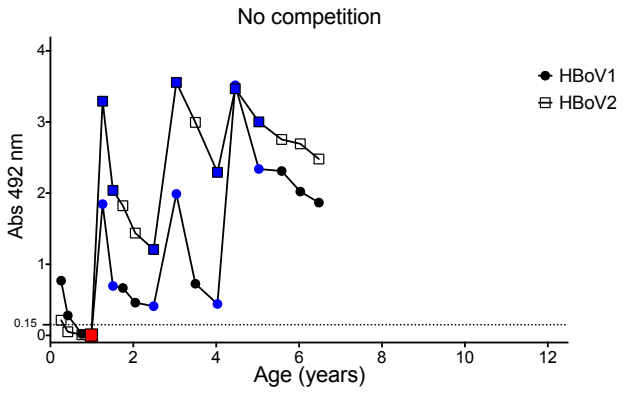
51

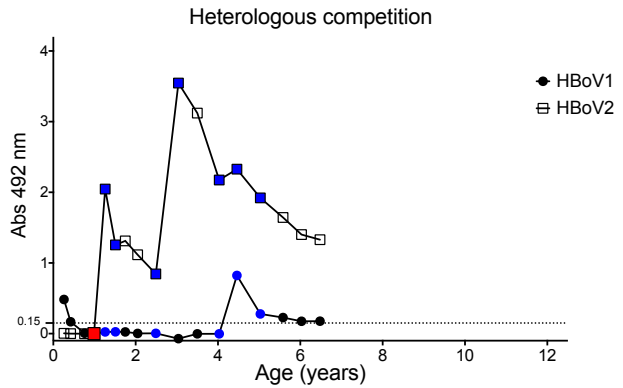

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

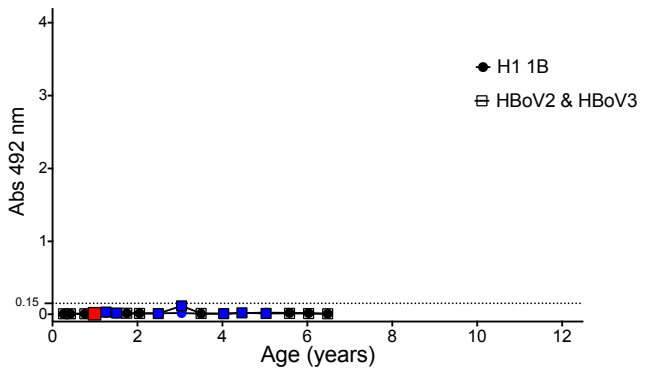

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

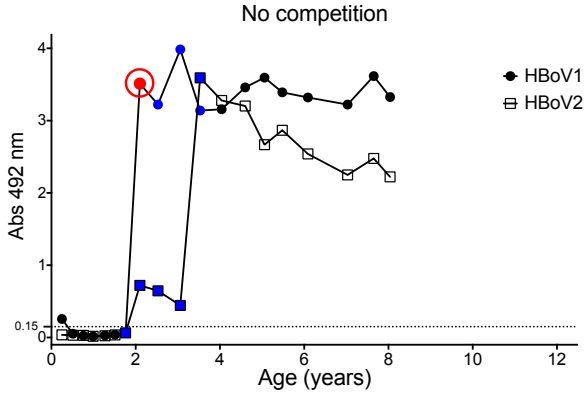
52

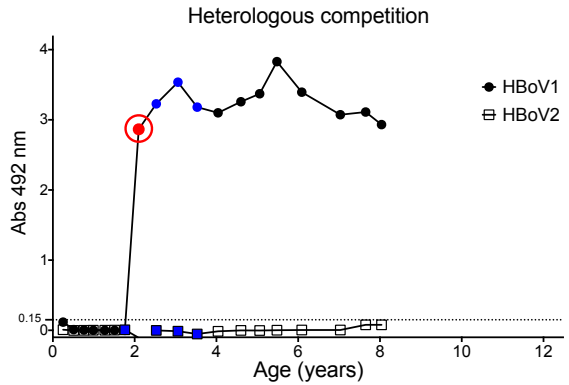

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2

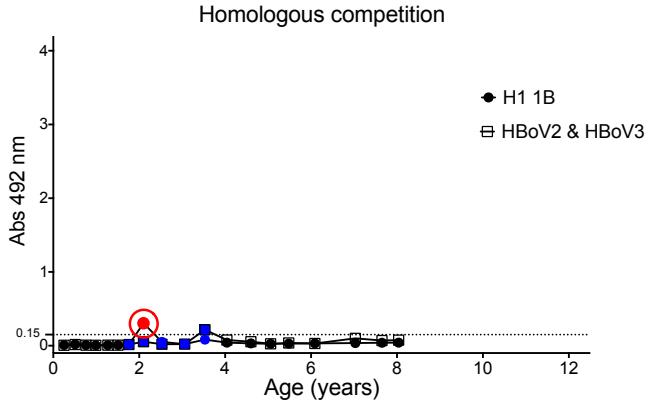

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

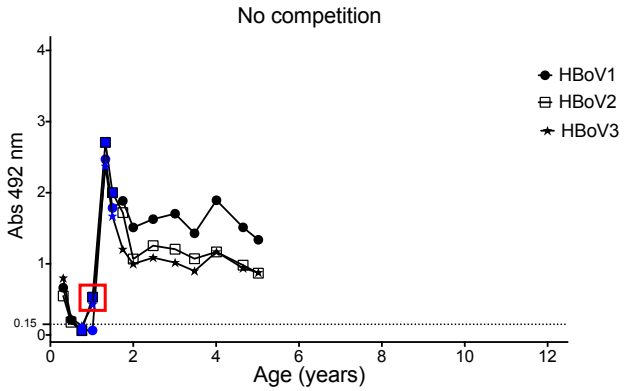
53

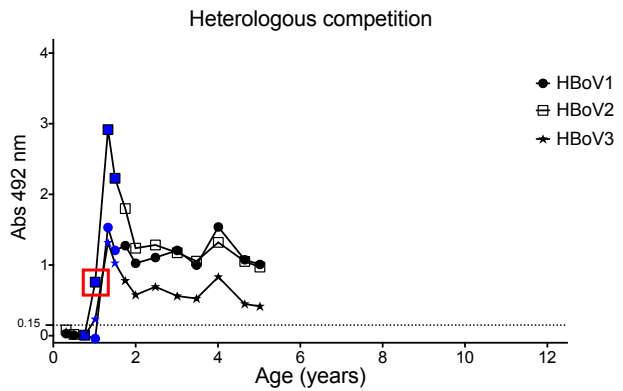

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2

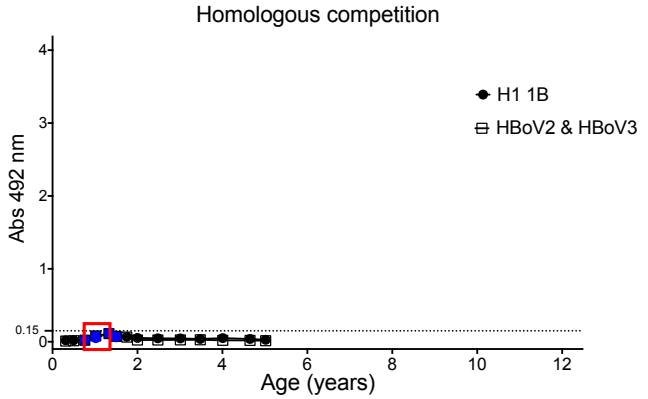

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

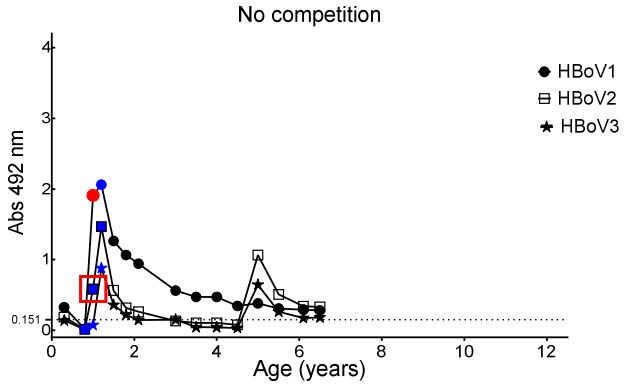
54

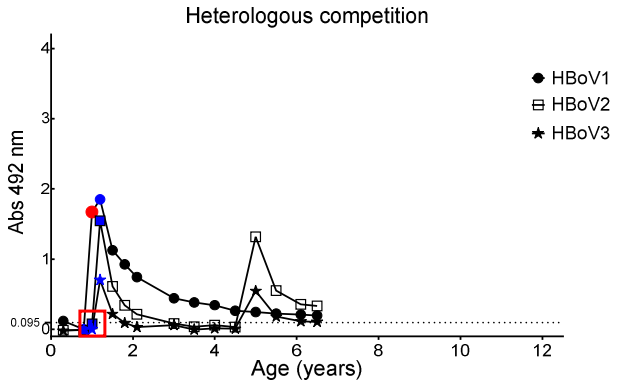

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3

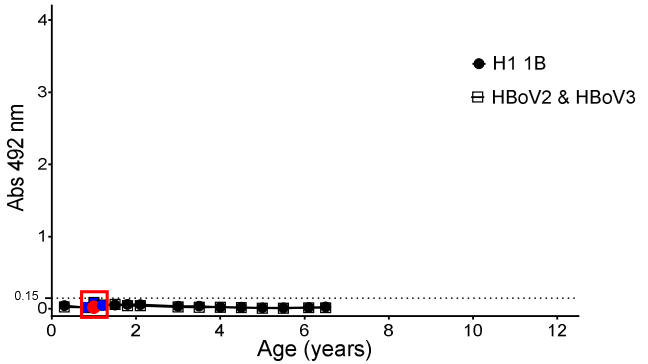

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

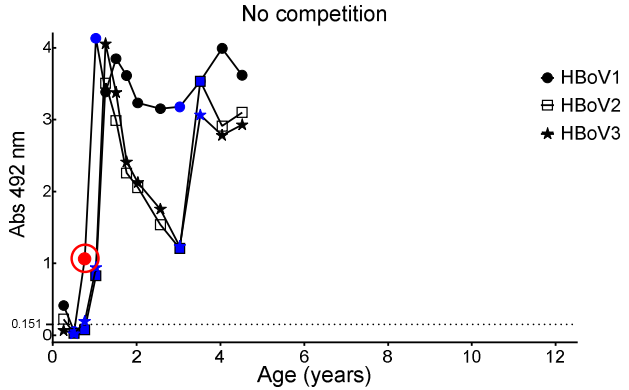
55

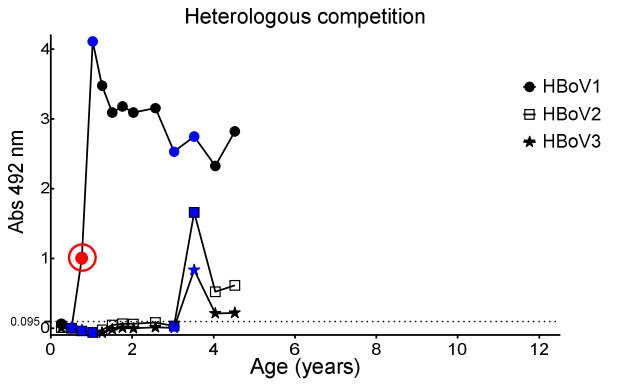

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
0.151
Age (years)

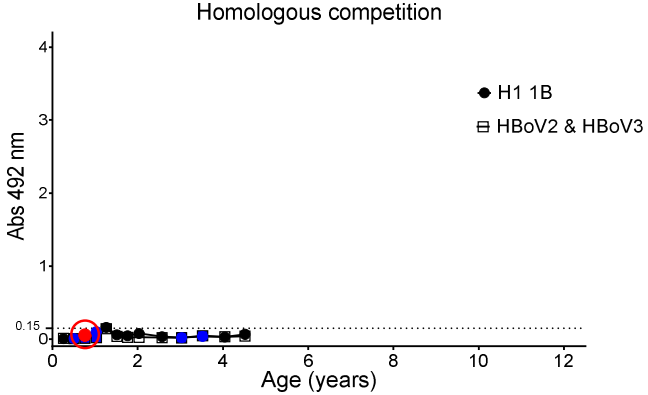

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
0.095
Age (years)


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
0.15
Age (years)

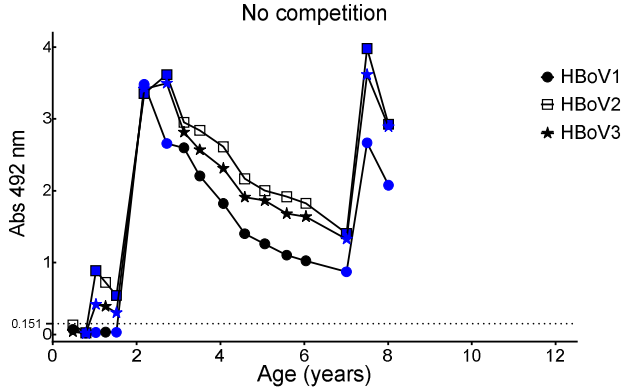
56

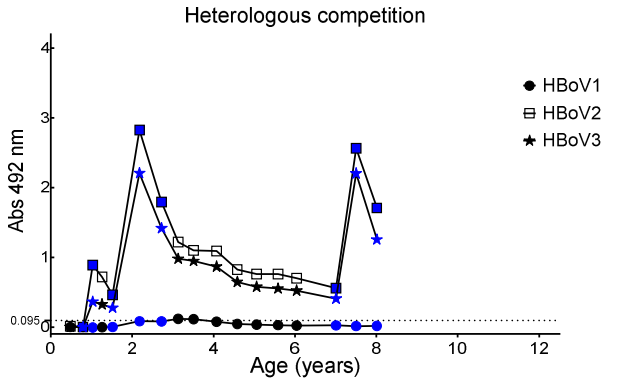

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
0.151
Age (years)

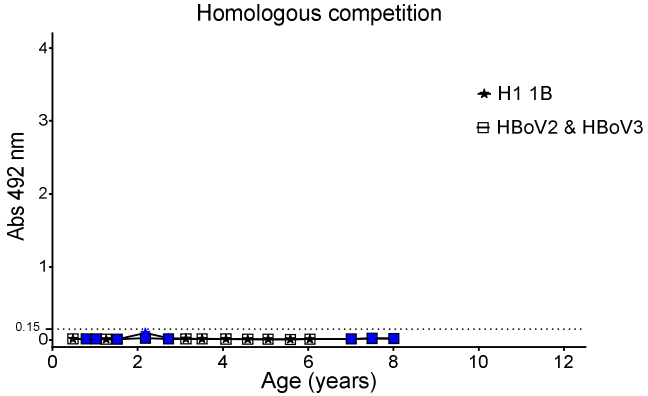

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
0.095
Age (years)


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
0.15
Age (years)

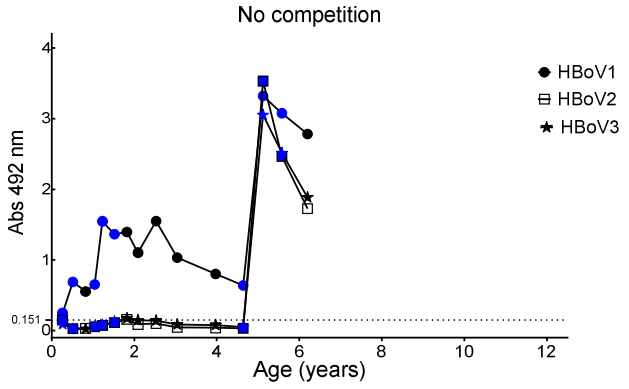
57

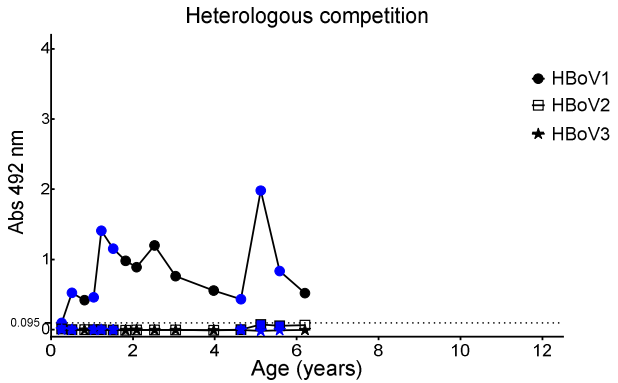

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
0.151
Age (years)

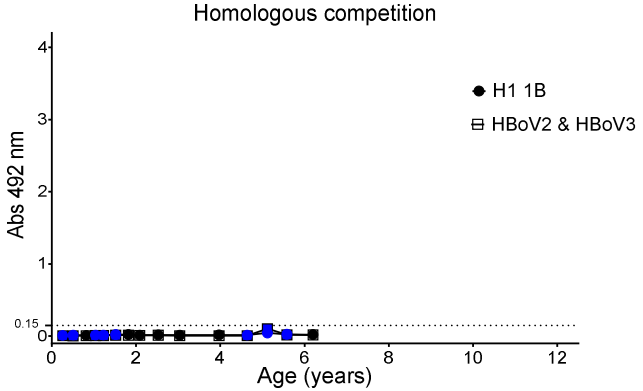

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
0.095
Age (years)


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
0.15
Age (years)

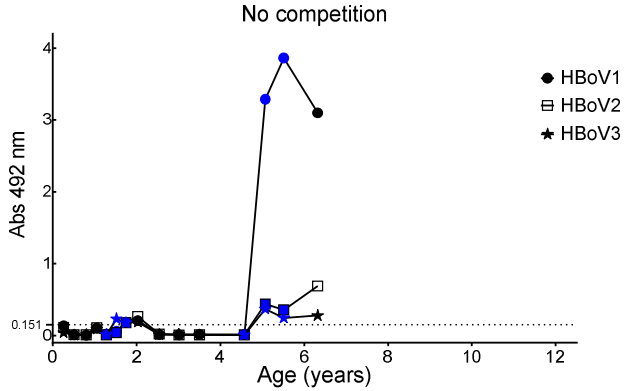
58

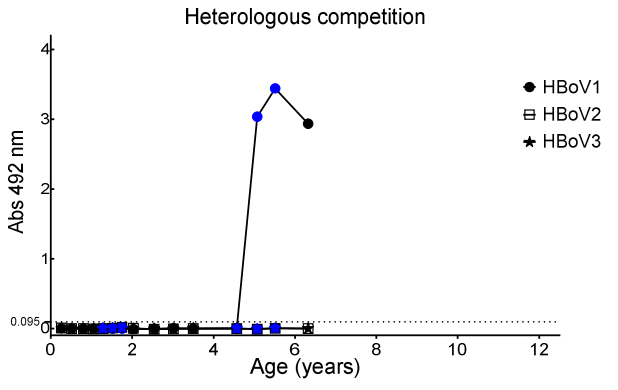

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

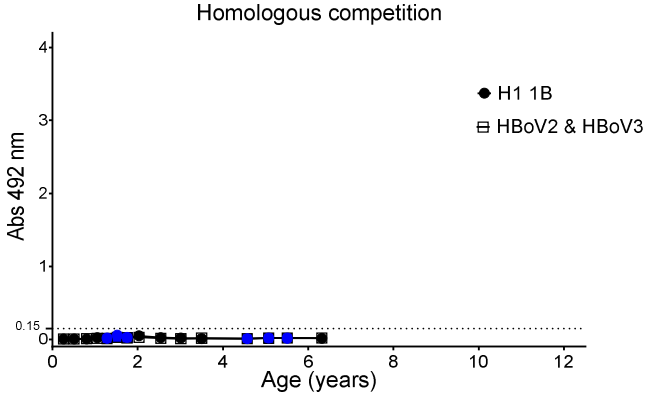

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

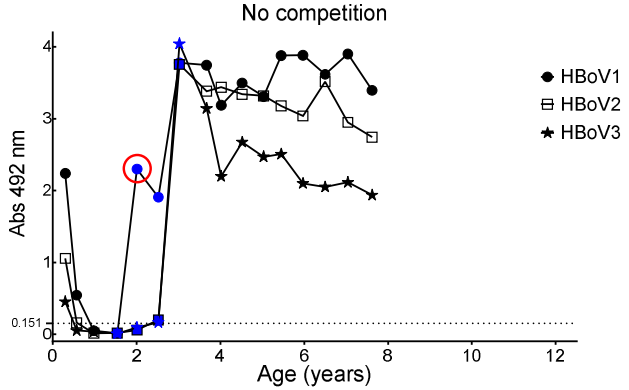
59

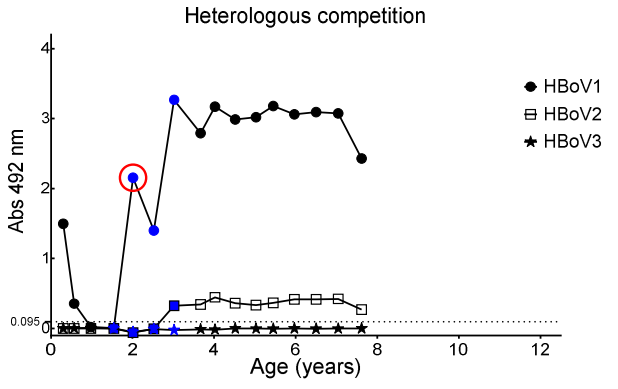

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

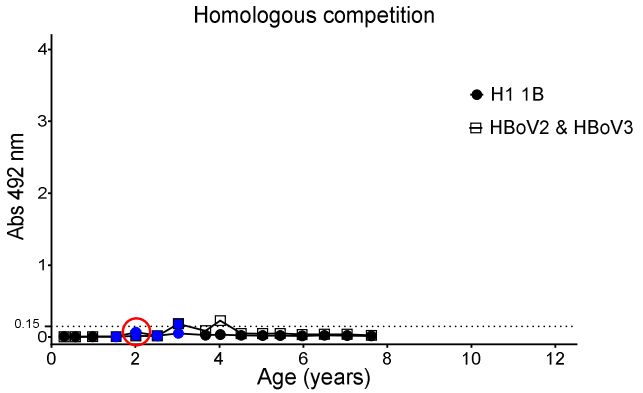

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

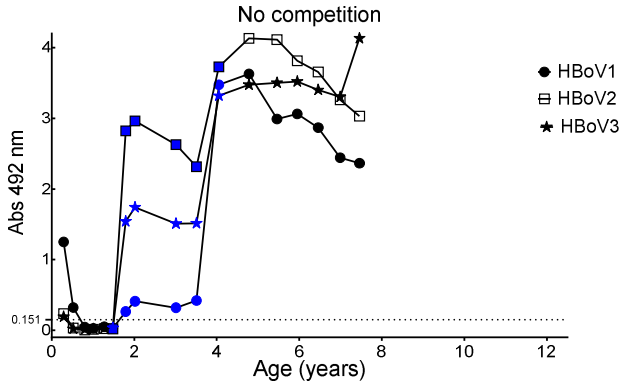
60

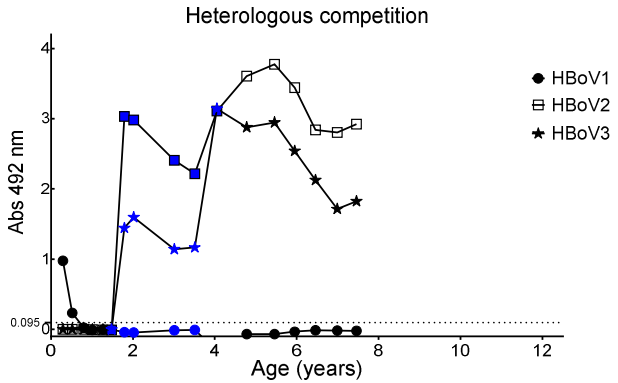

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

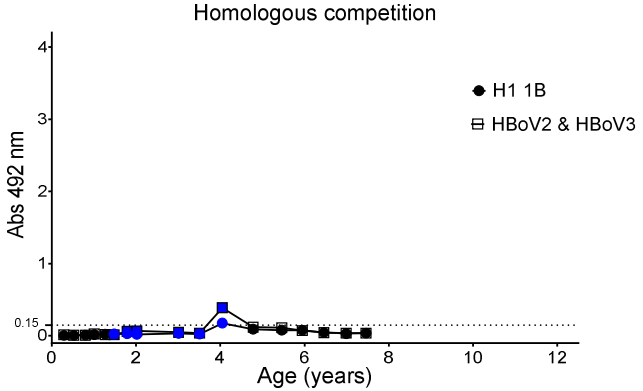

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

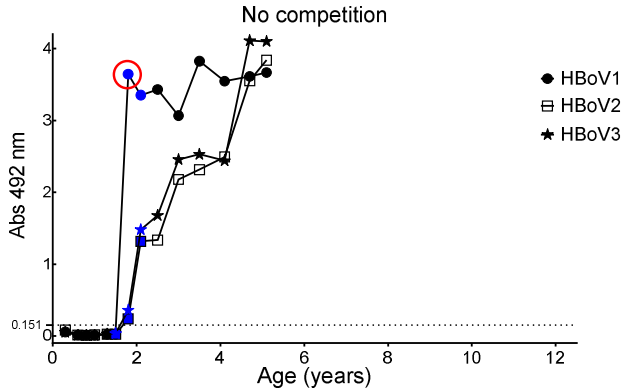
61


No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

62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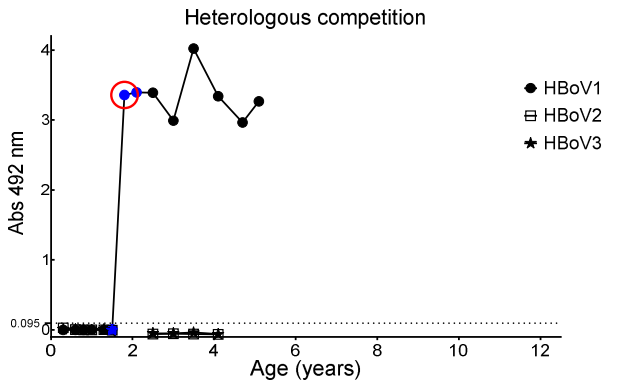
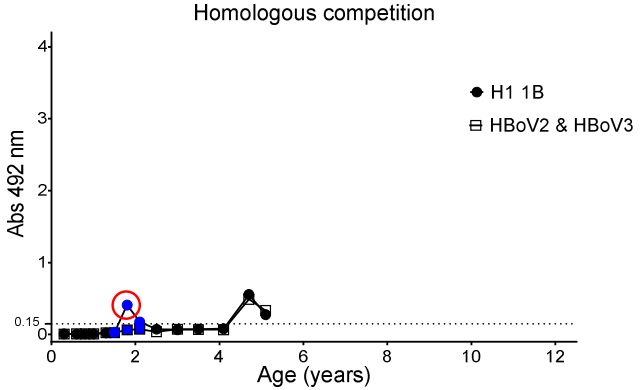
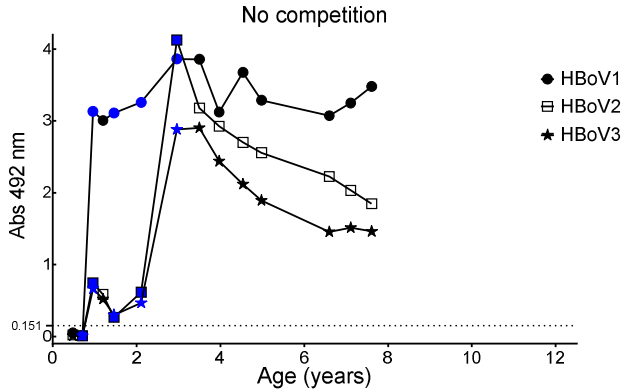
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

63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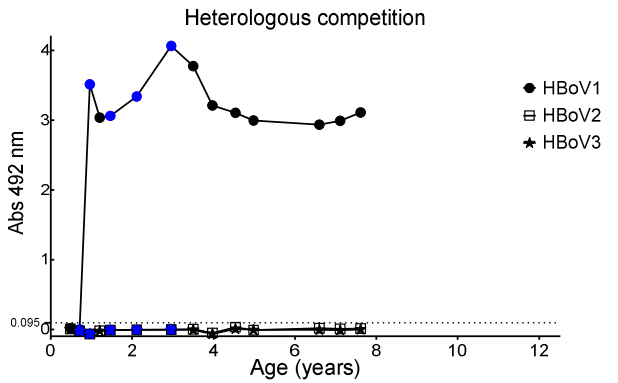
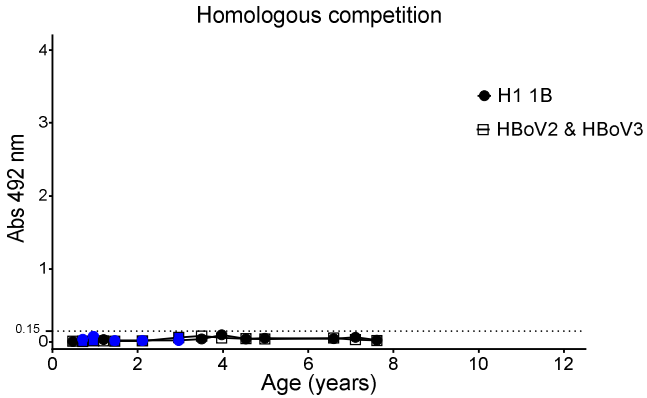
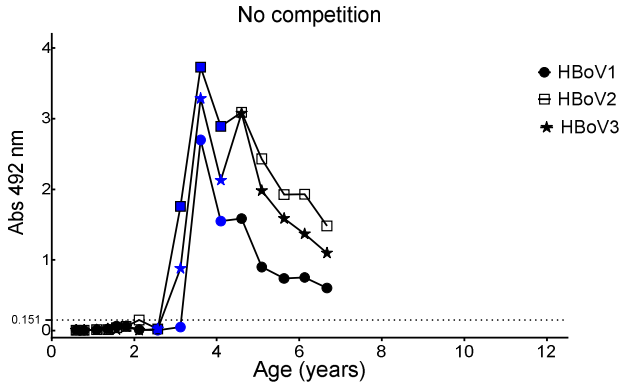
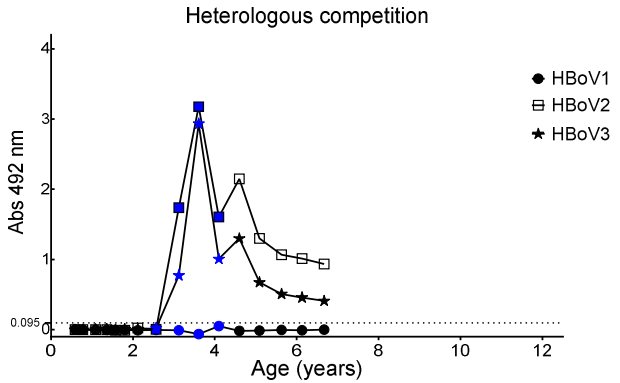
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

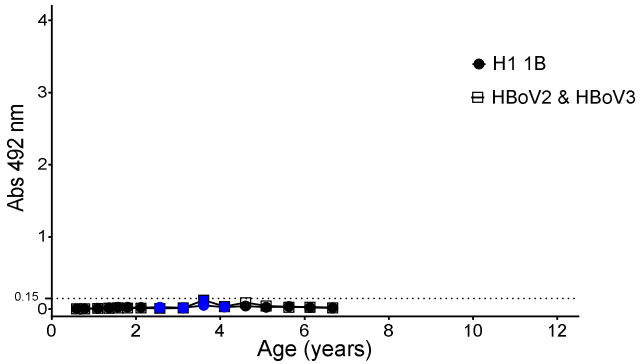

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

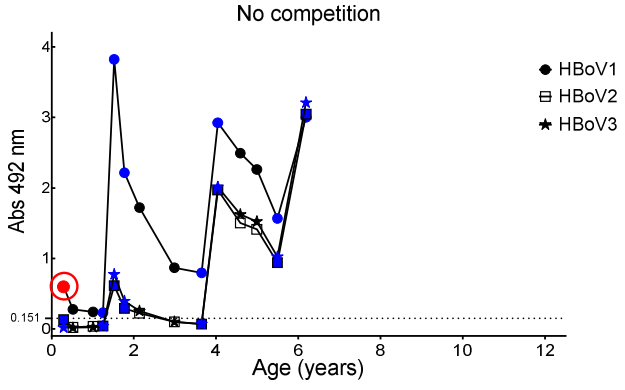
64

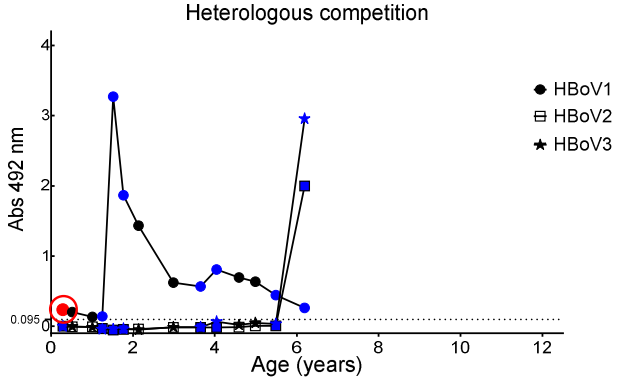

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

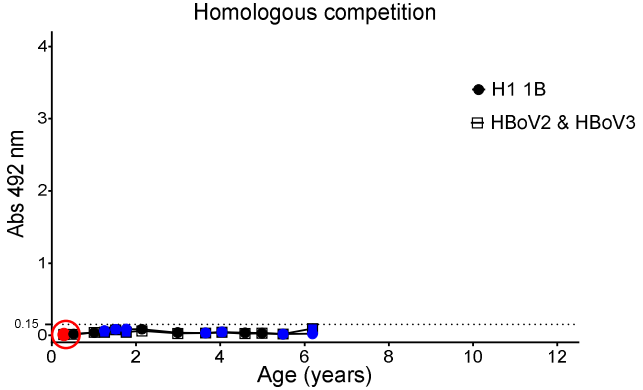

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

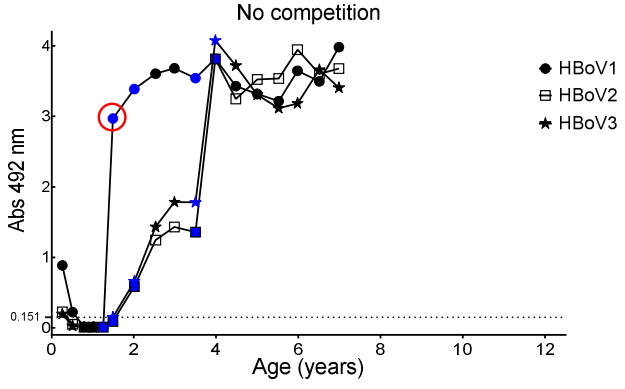
65

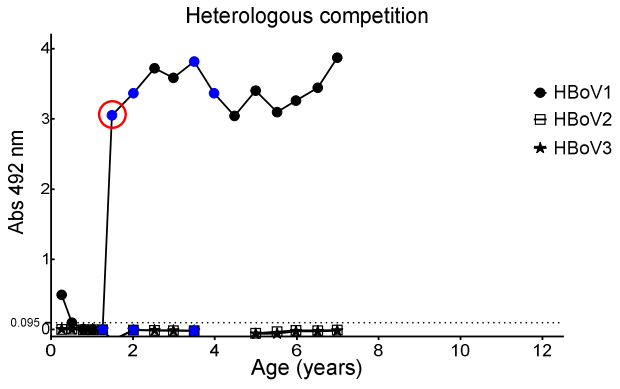

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

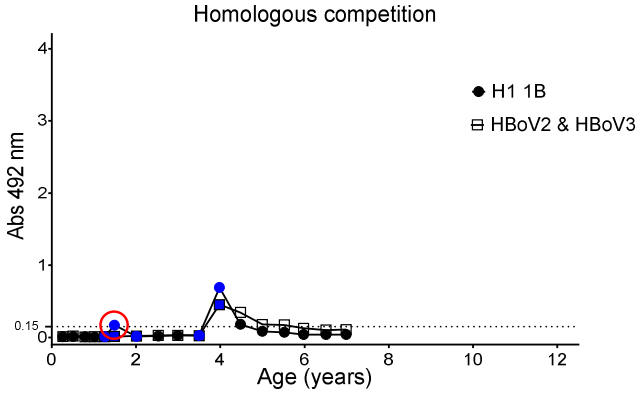

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

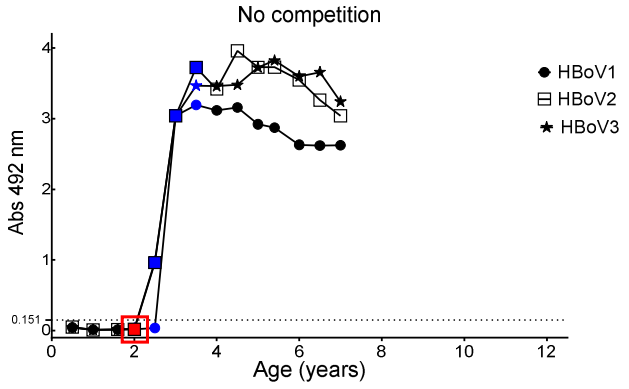
66

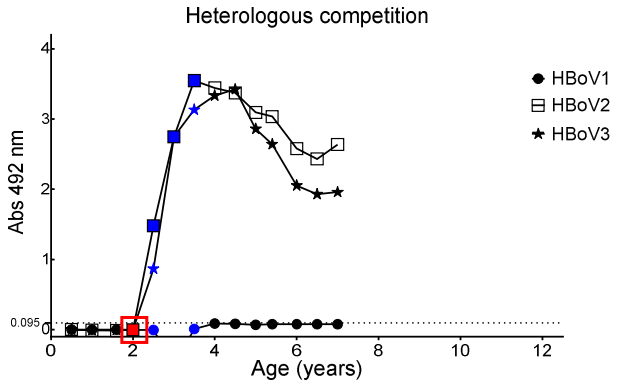

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

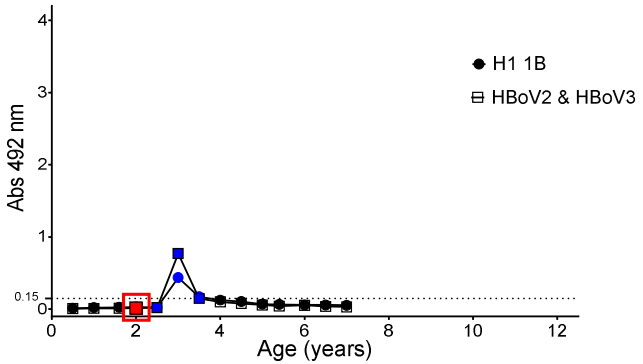

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

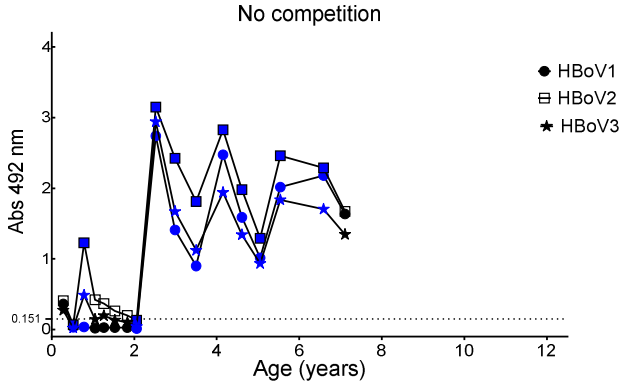
67

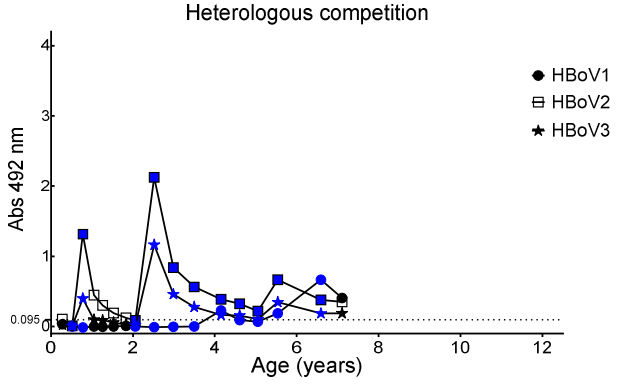

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

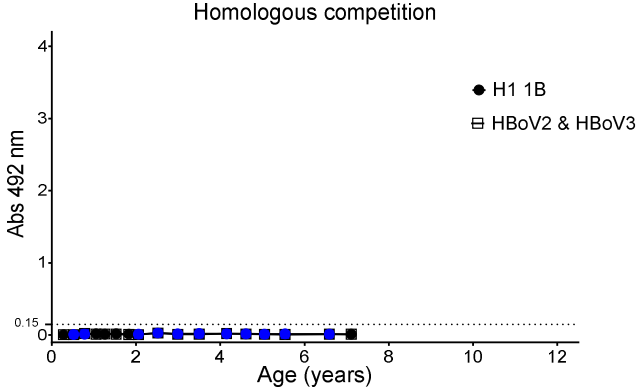

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

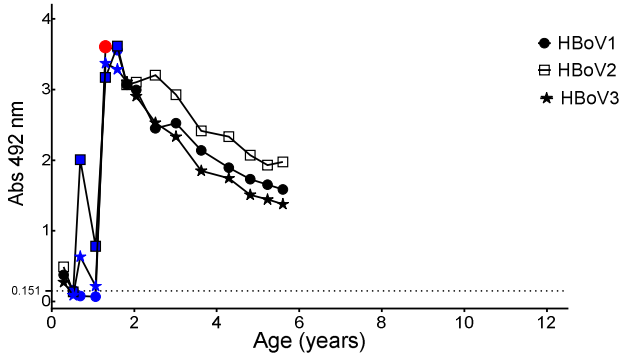
68

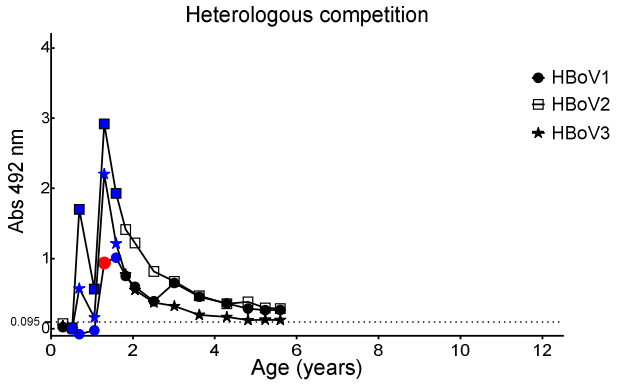

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

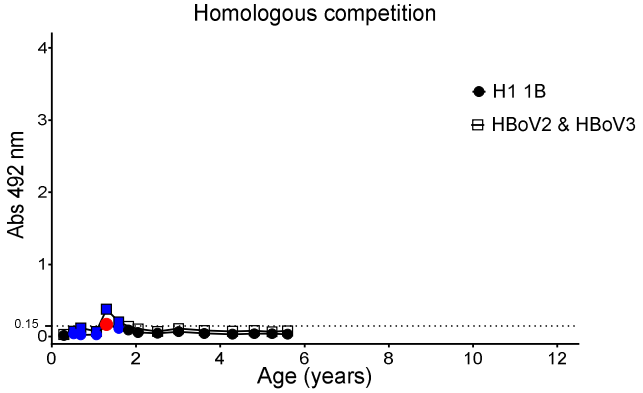

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

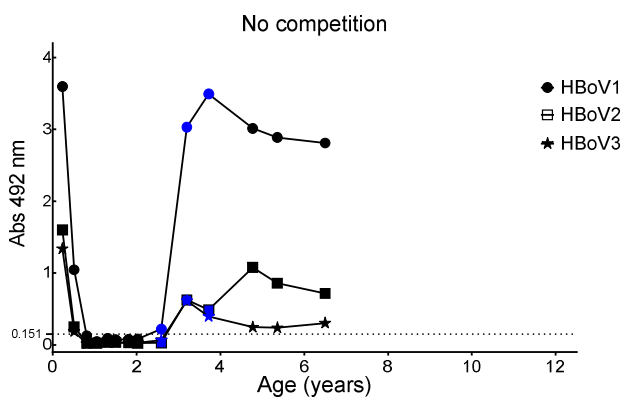
69

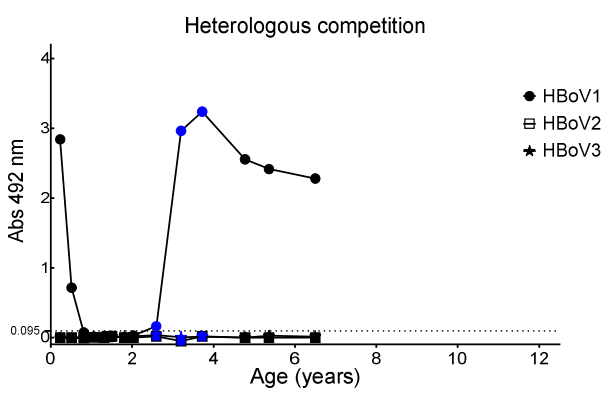

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

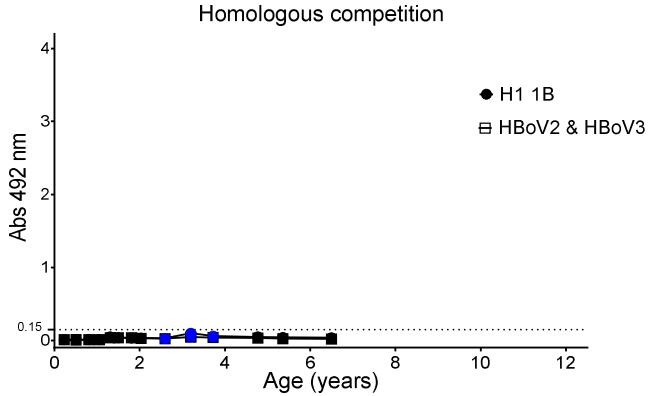

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

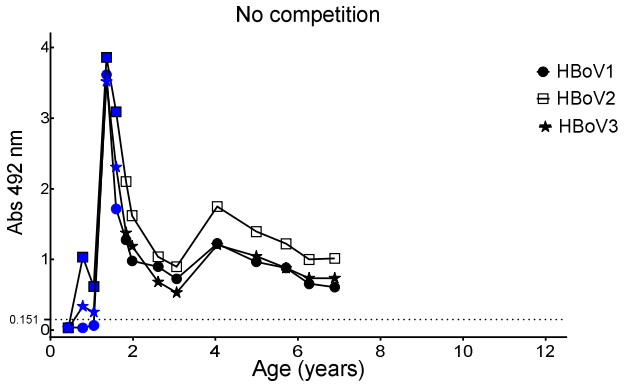
70

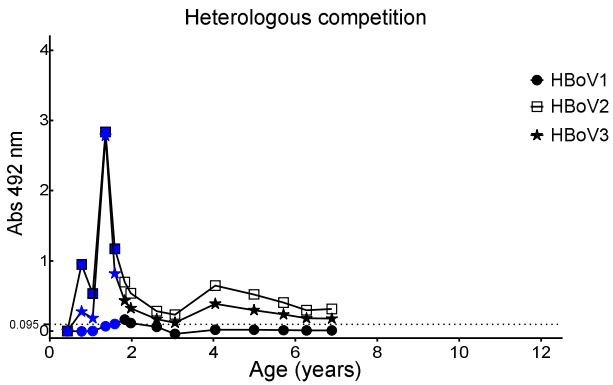

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

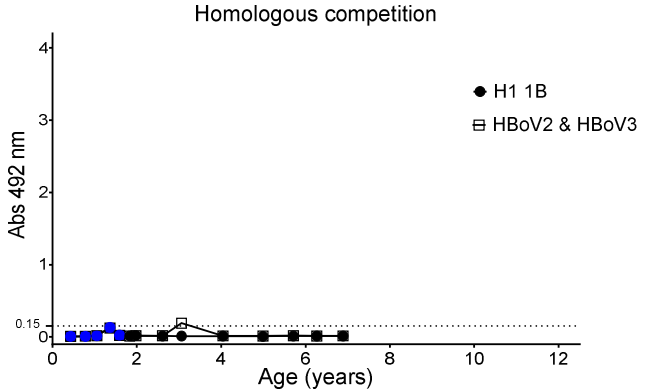

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

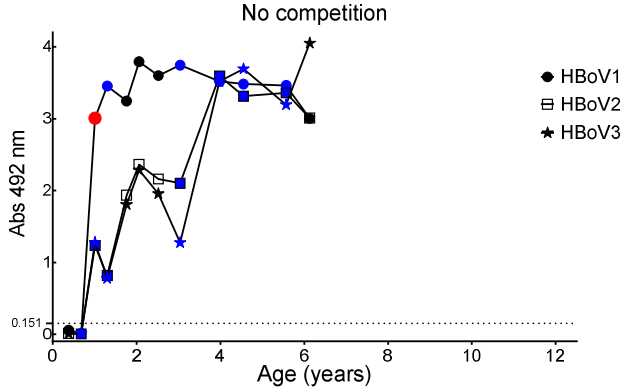
71

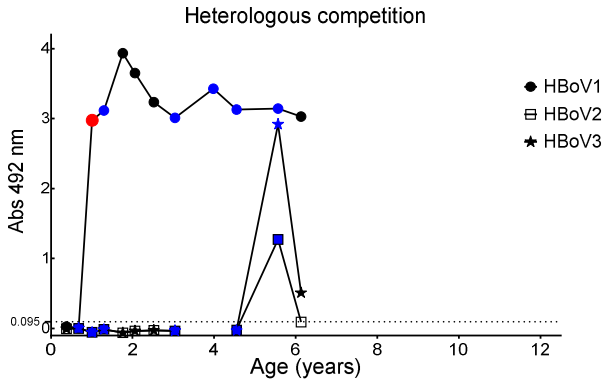

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

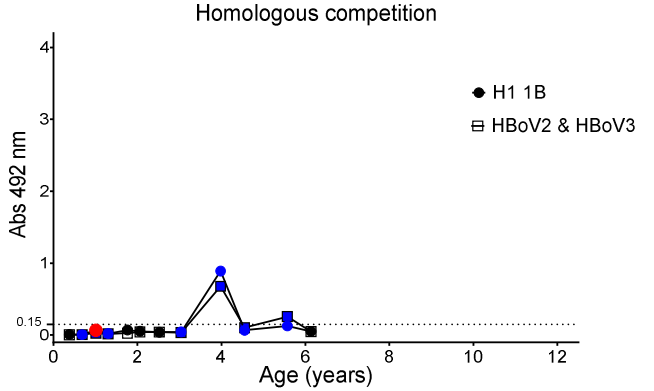

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

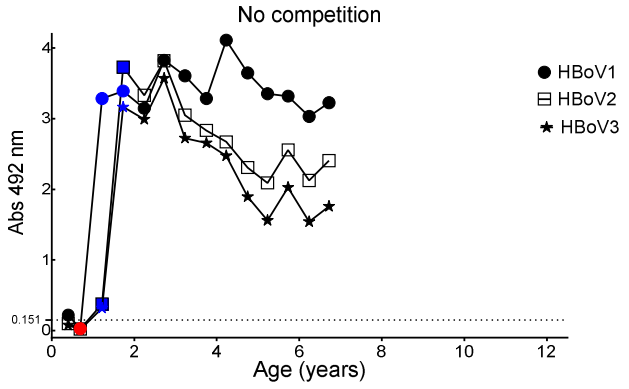
72

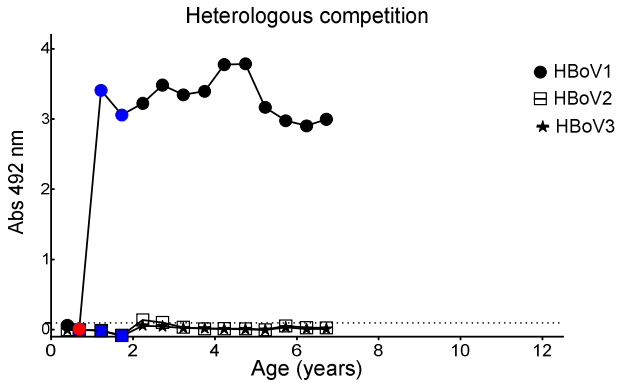

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

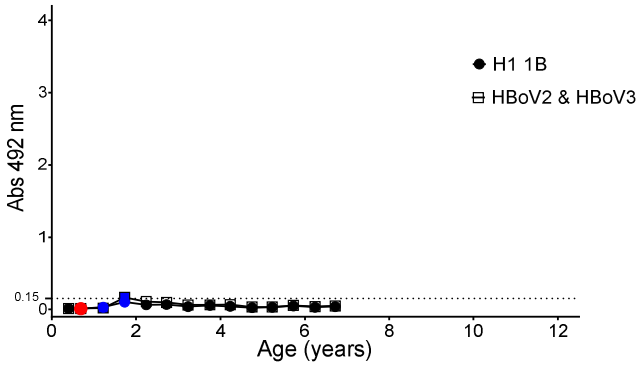

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

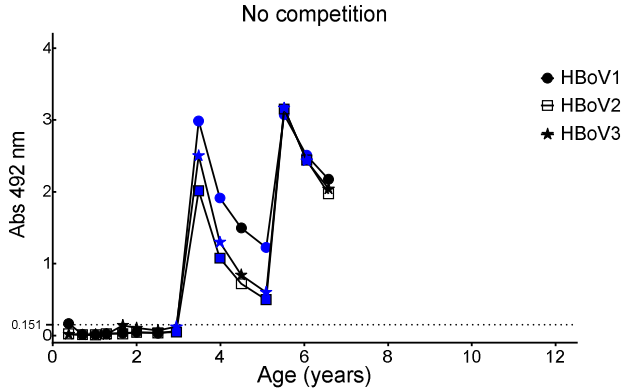
73

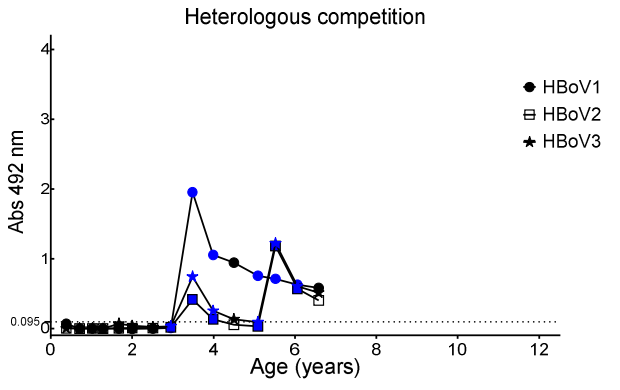

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

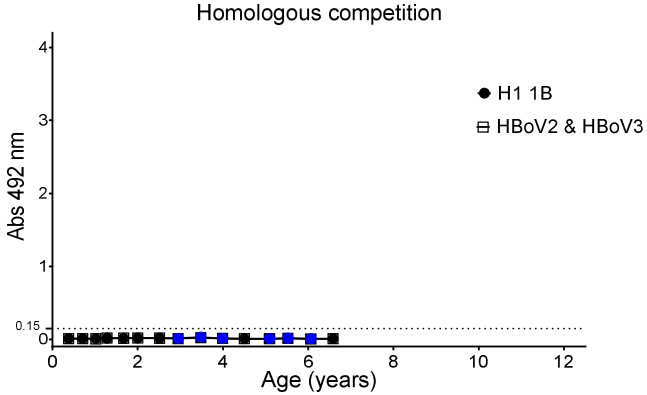

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

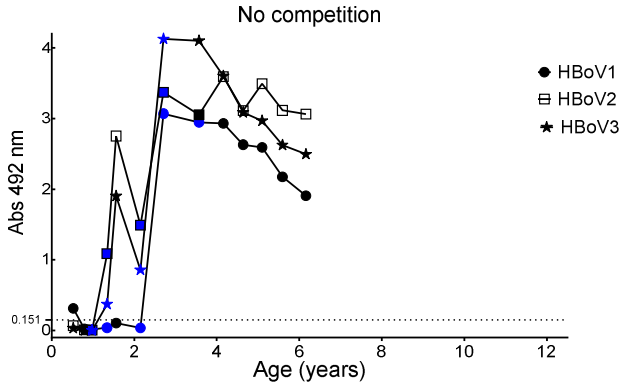
74

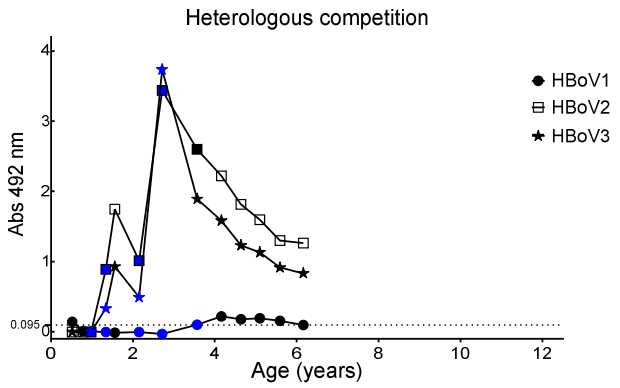

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

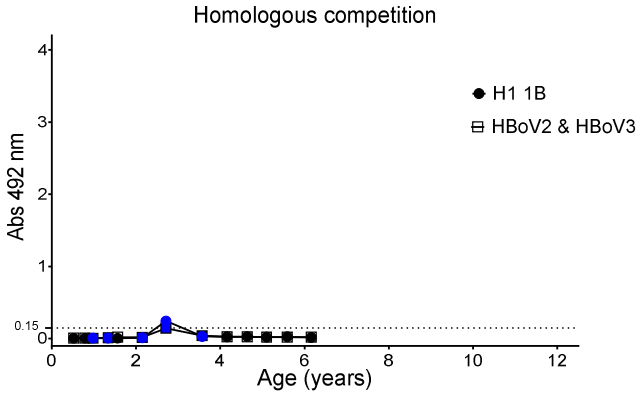

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

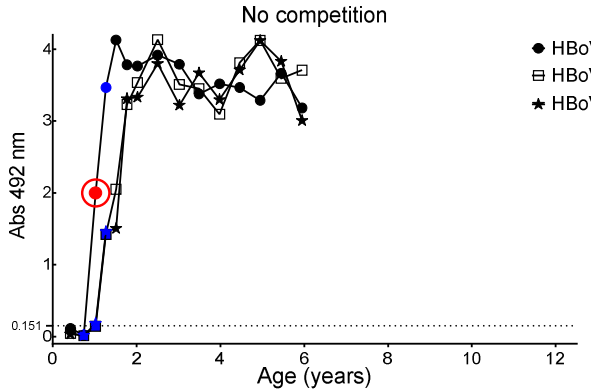
75

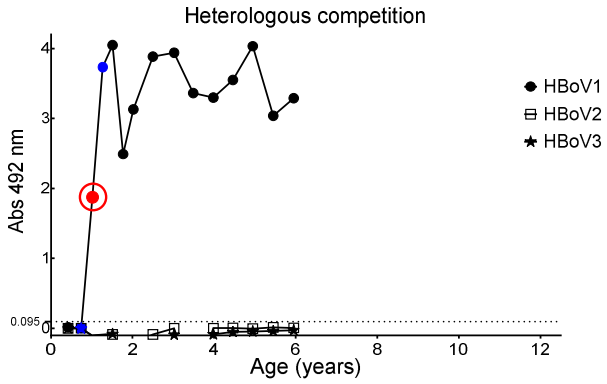

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

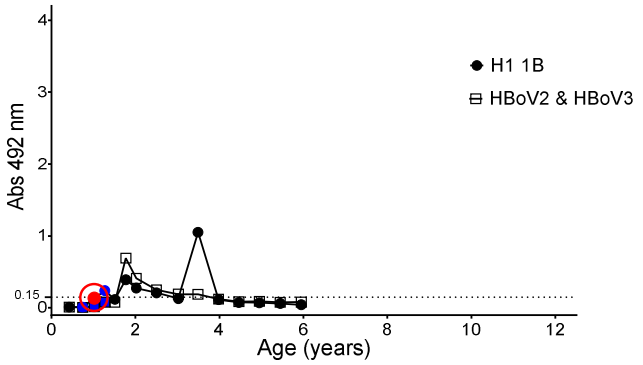

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

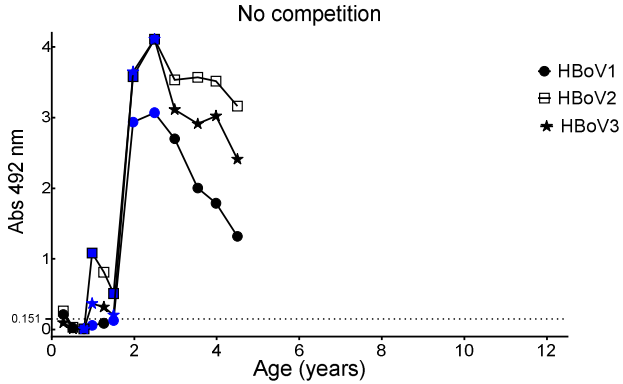
77

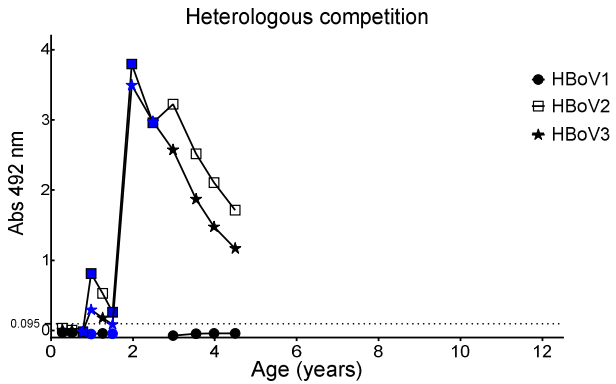

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

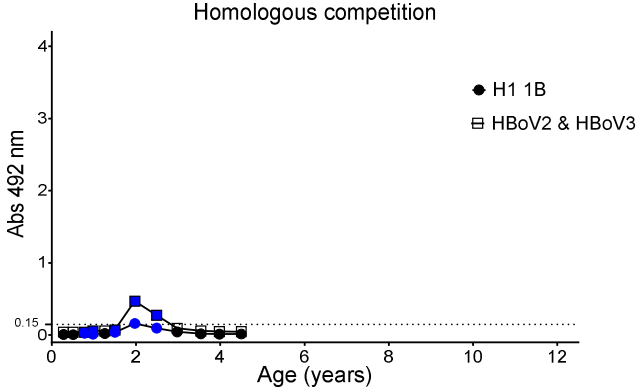

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

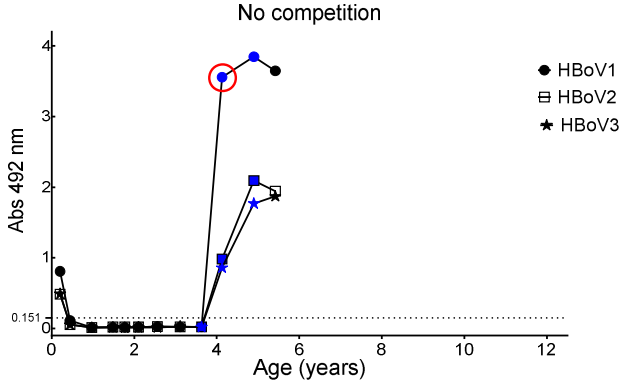
79

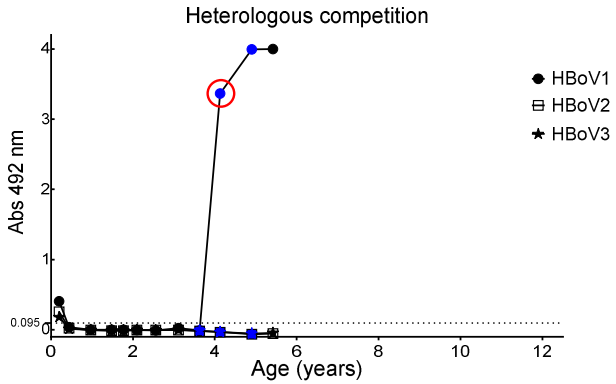

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

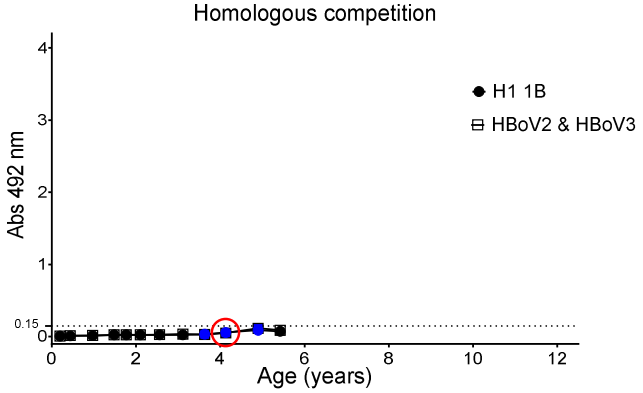

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

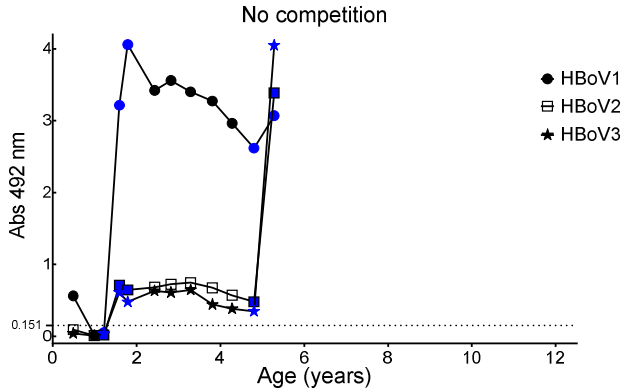
82

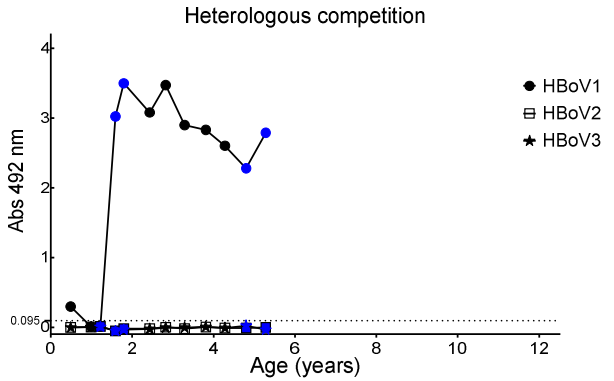

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

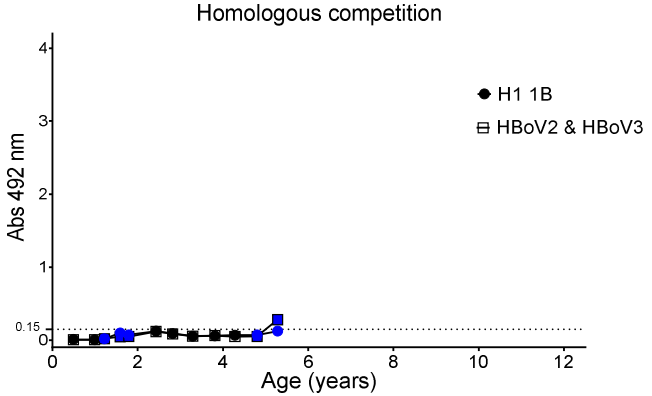

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

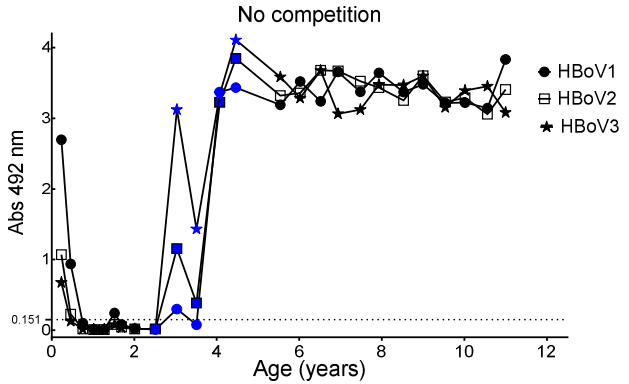
91

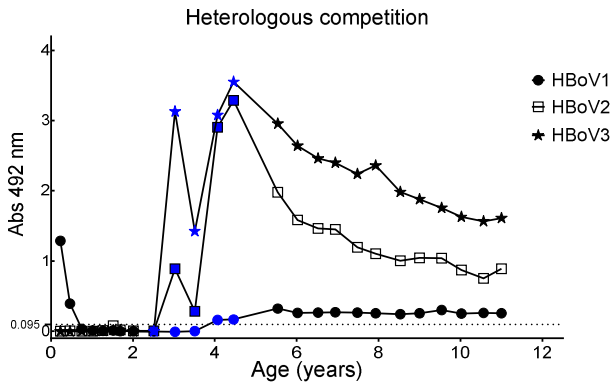

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

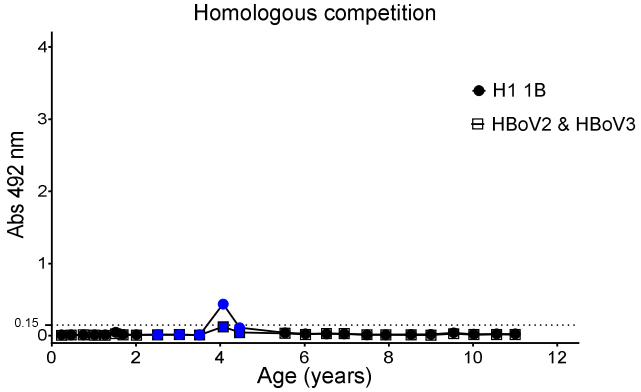

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

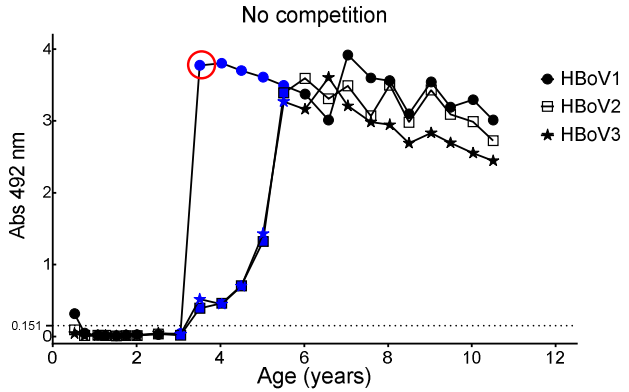
101

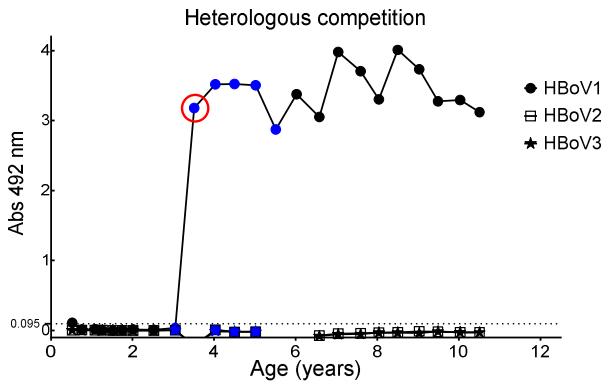

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

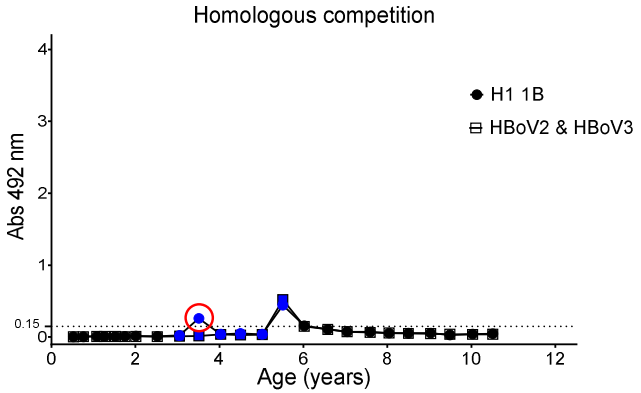

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

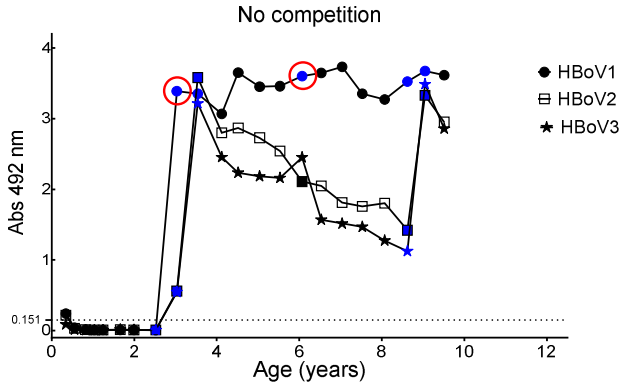
102

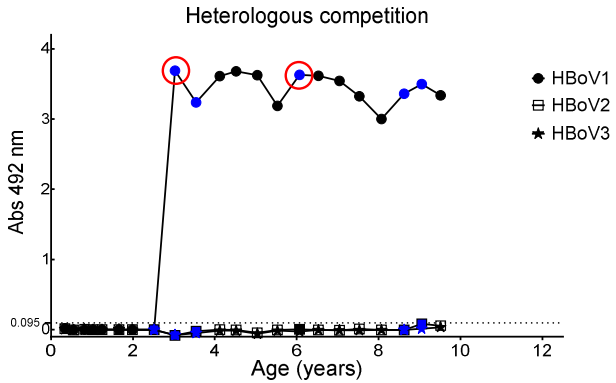

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

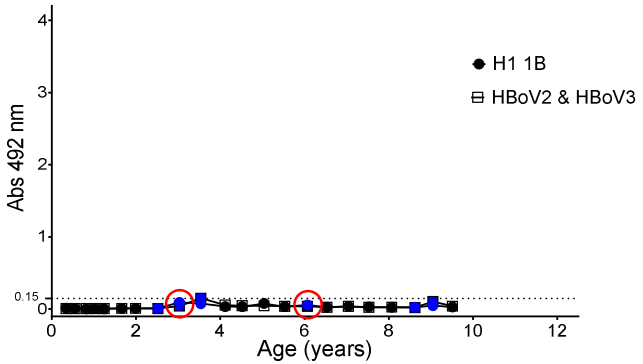

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

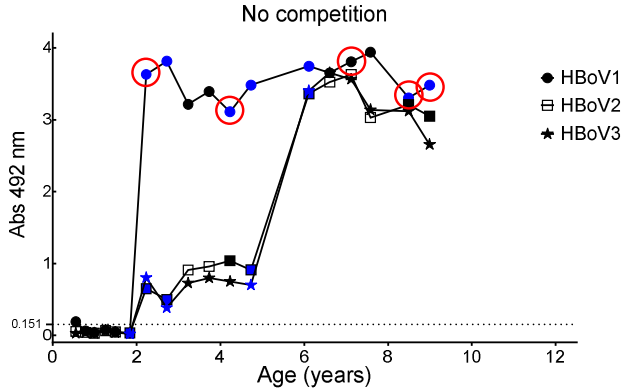
103

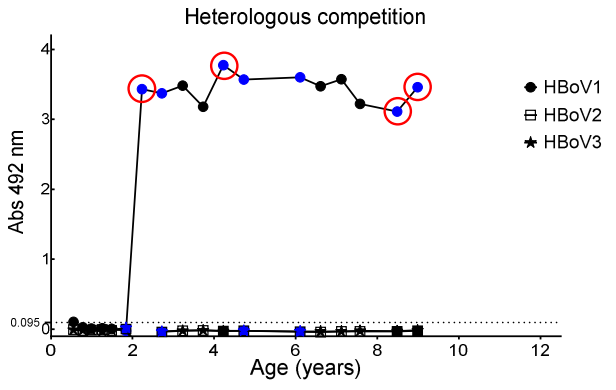

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3

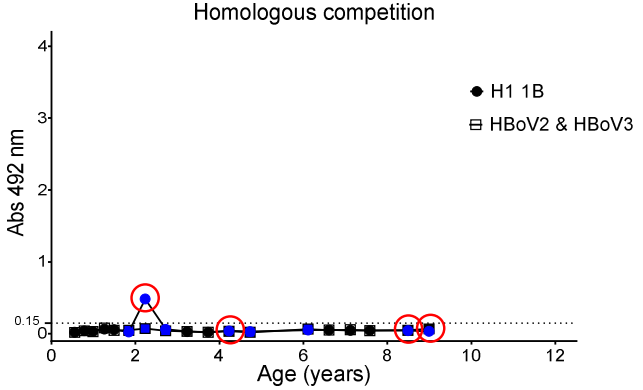

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

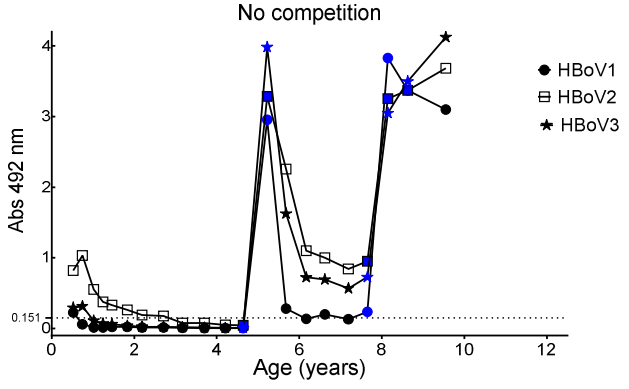
104

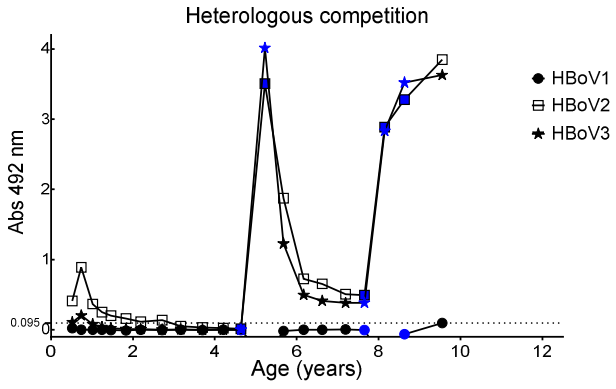

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3

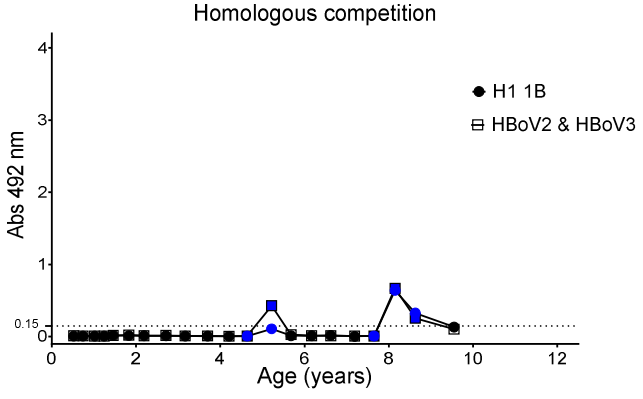

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

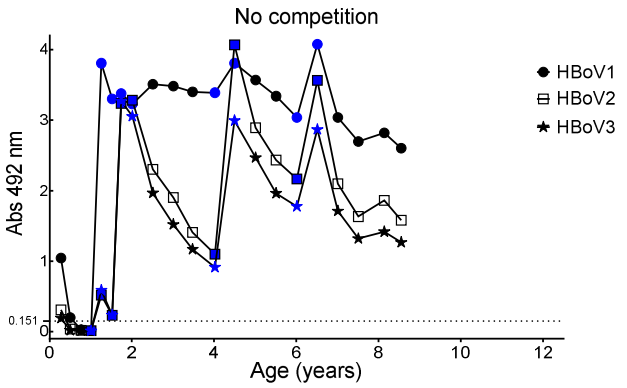
105

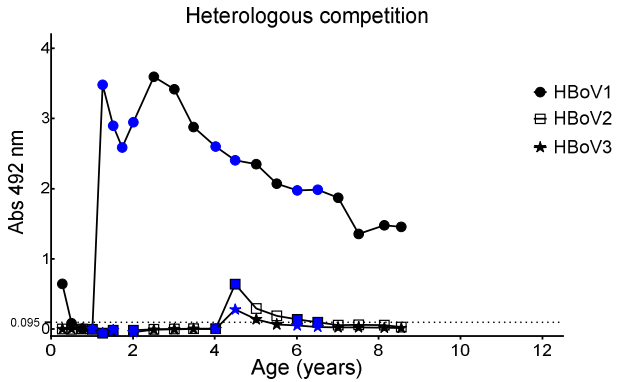

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3

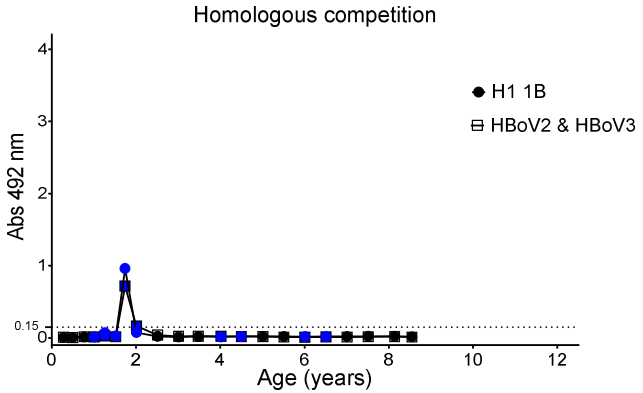

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

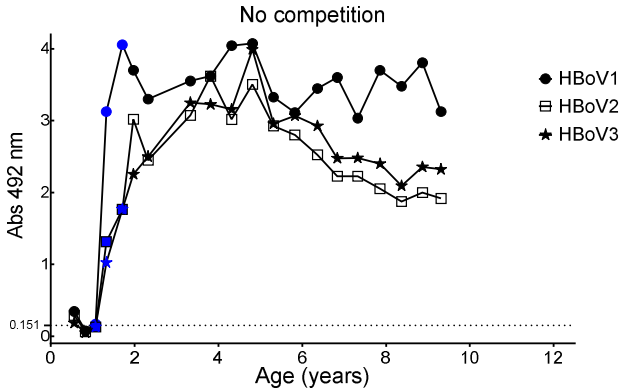
106

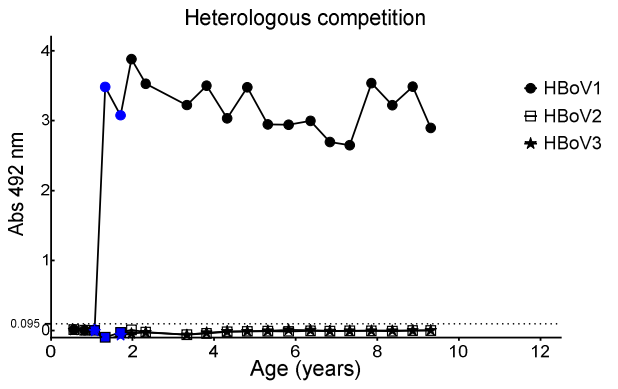

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

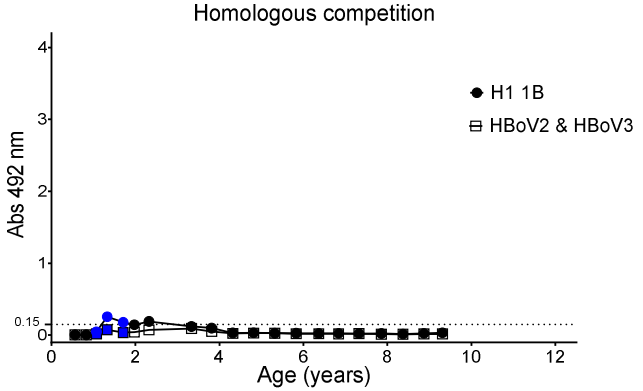

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

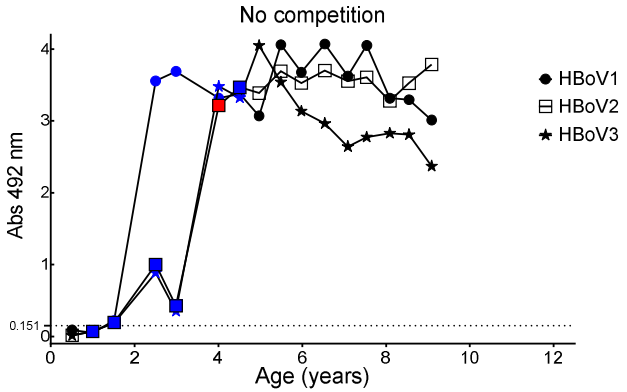
107

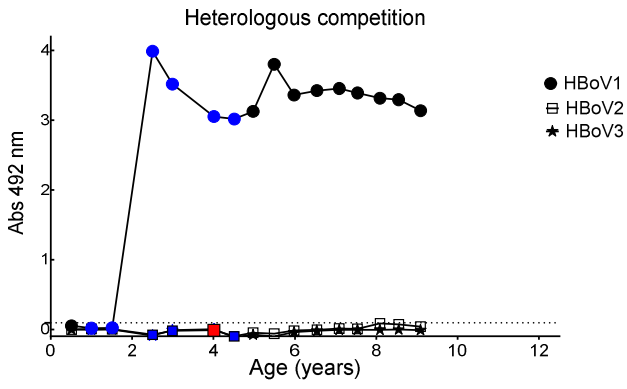

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

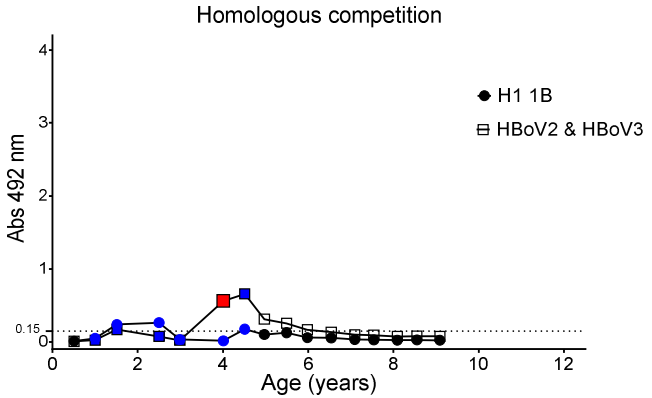

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

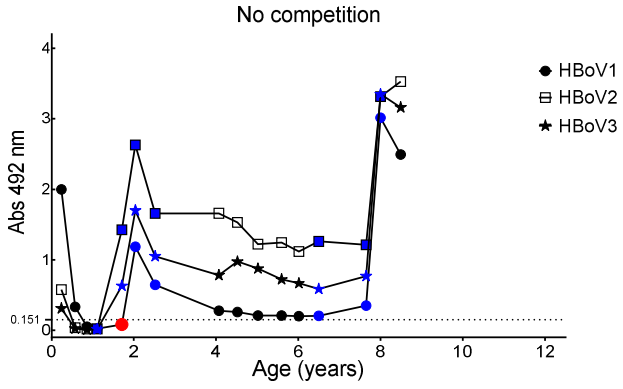
108

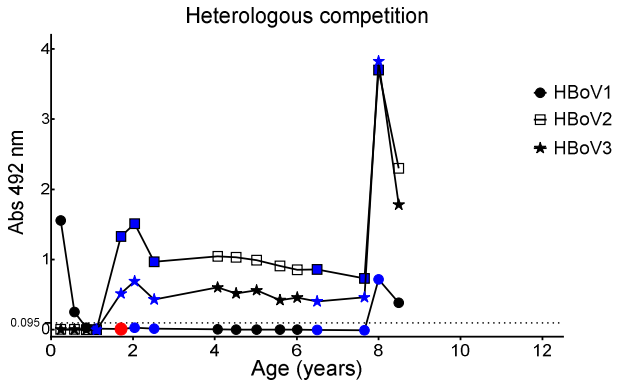

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

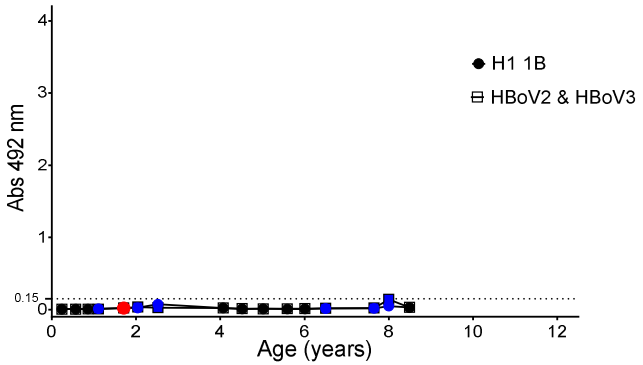

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

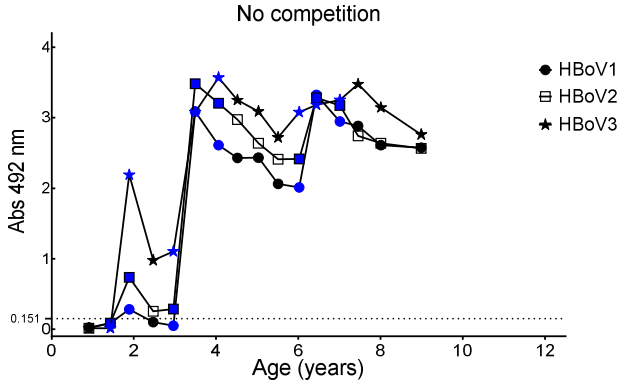
109

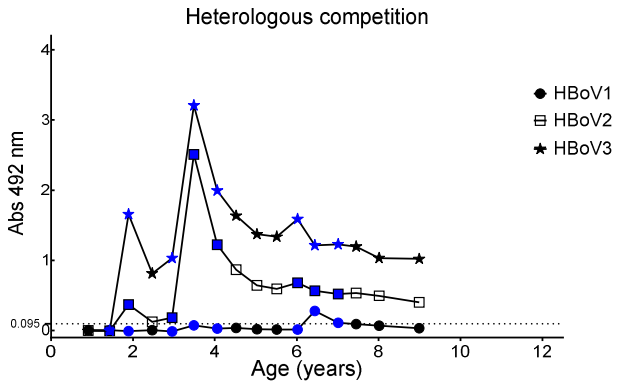

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

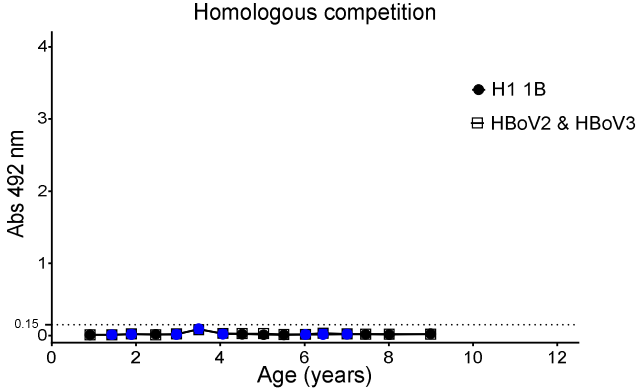

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

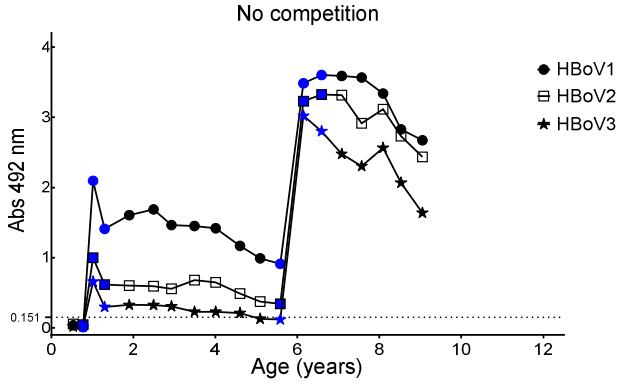
110

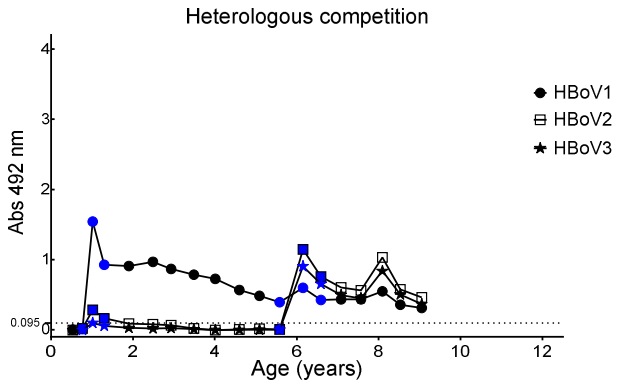

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

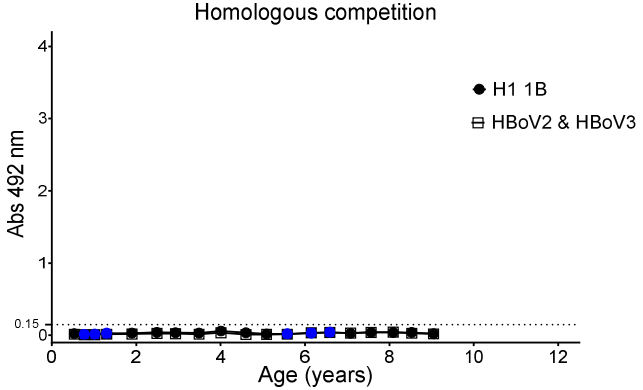

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

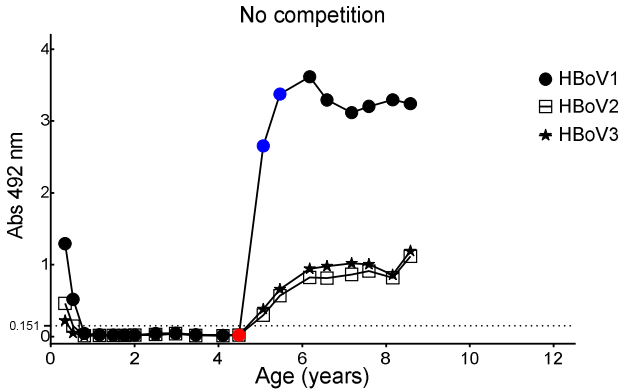
111

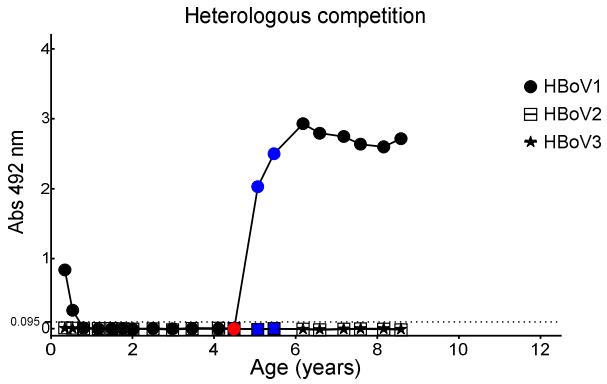

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

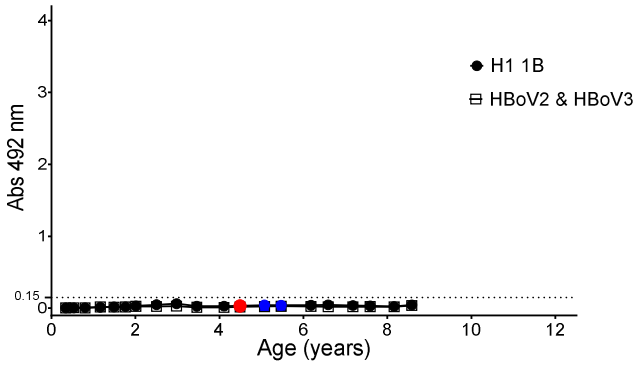

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

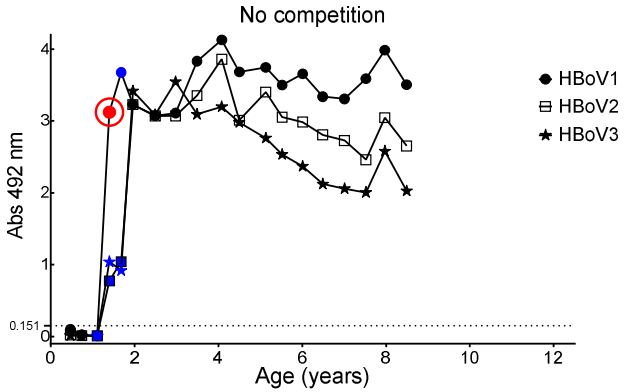
112

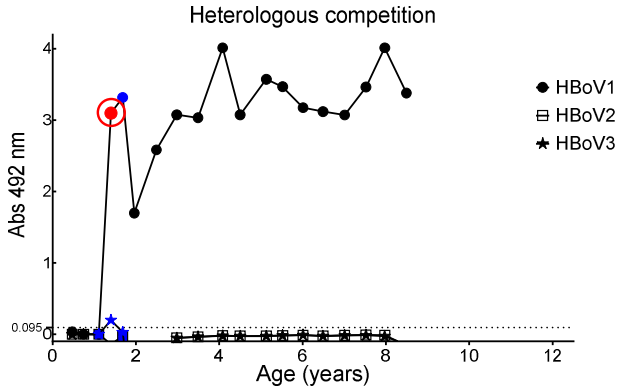

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

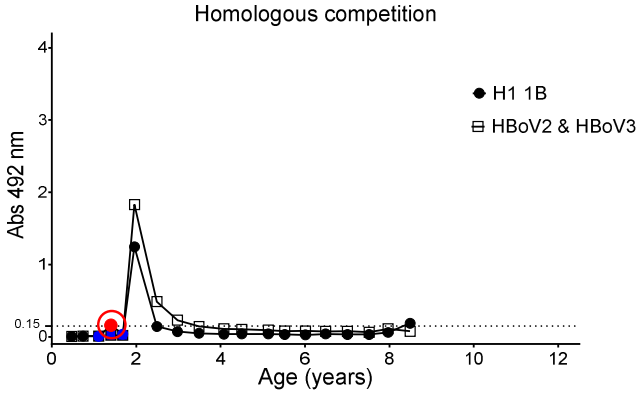

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

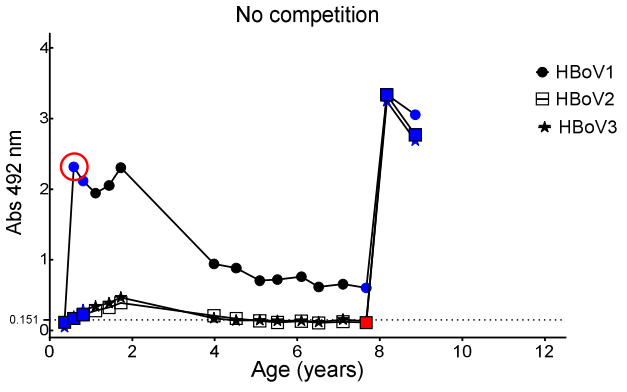
113

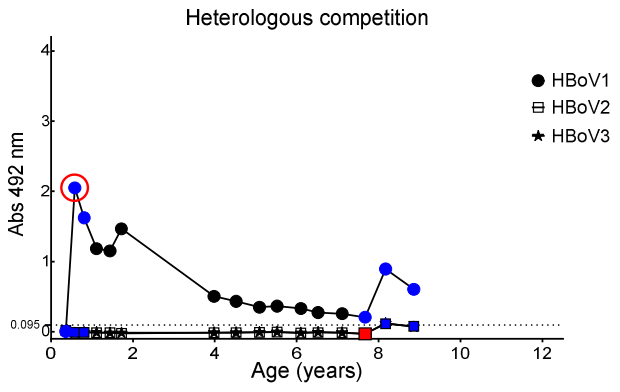

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

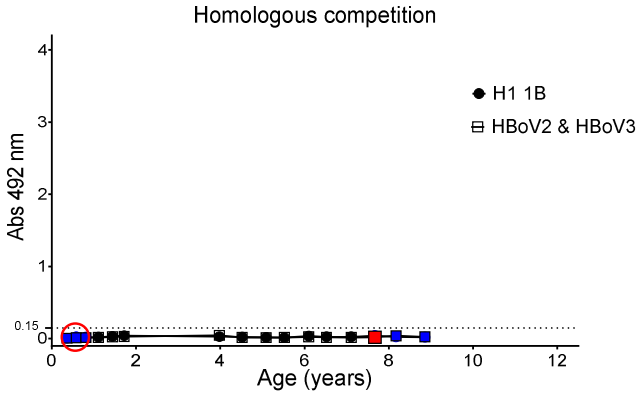

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

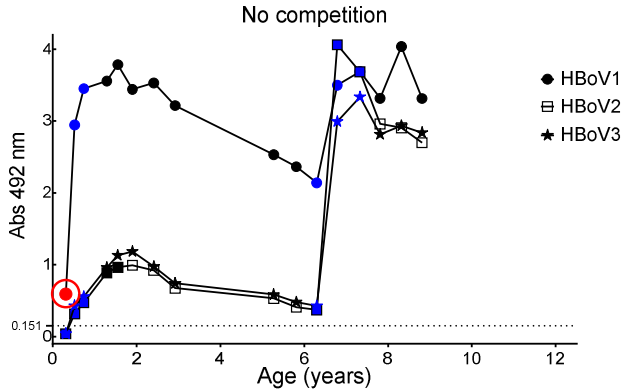
114

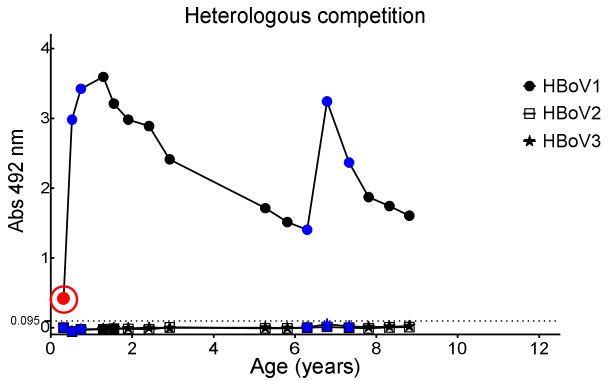

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

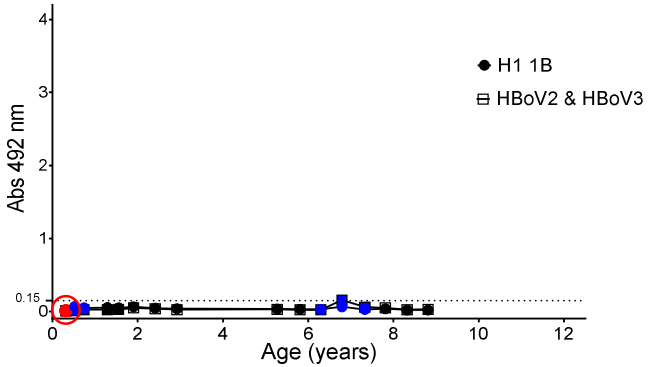

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

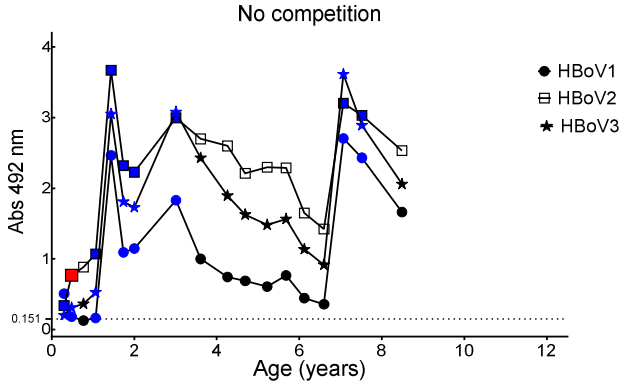
115

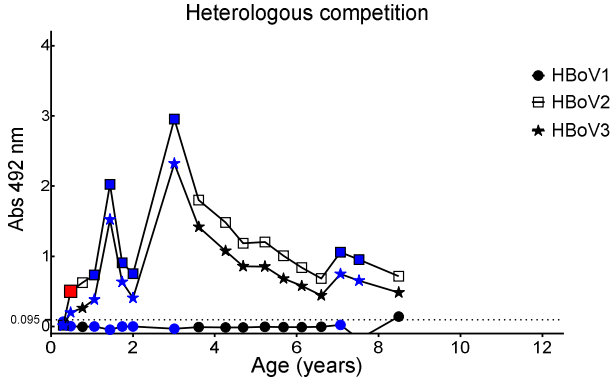

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

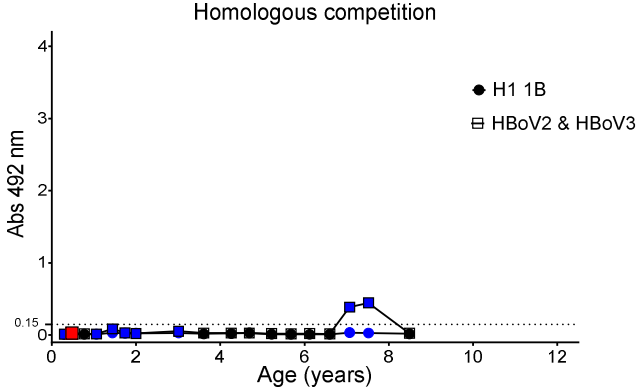

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

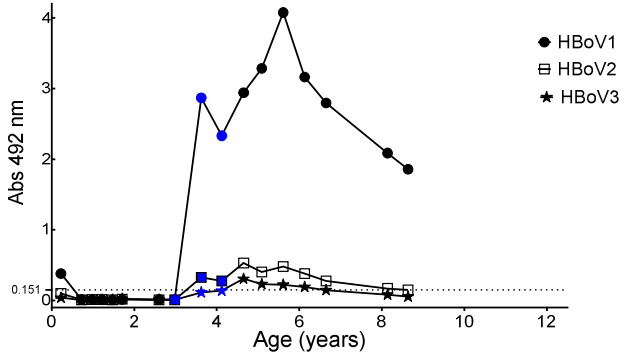
116

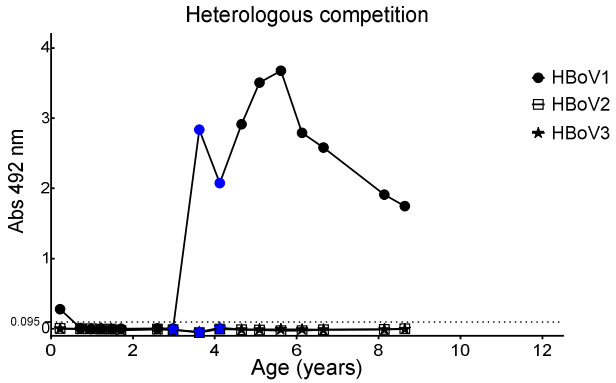

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

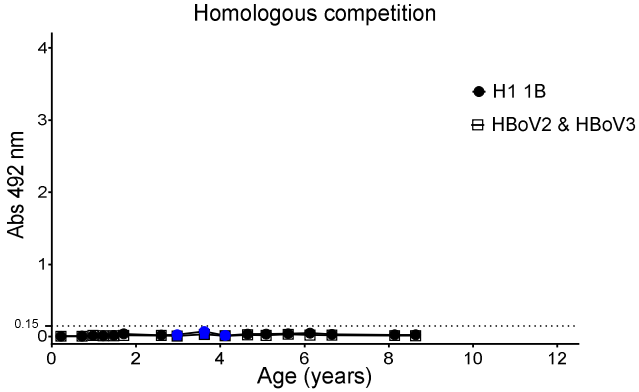

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

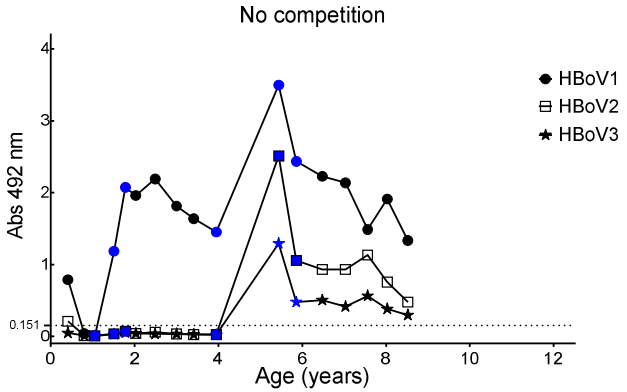
117

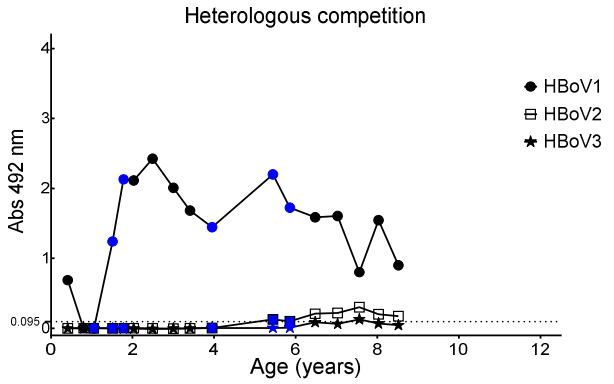

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

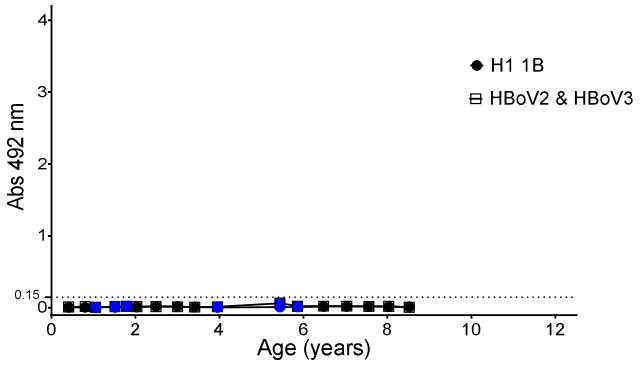

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

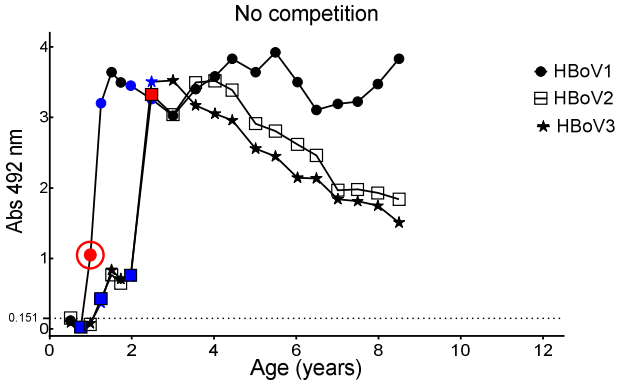
118

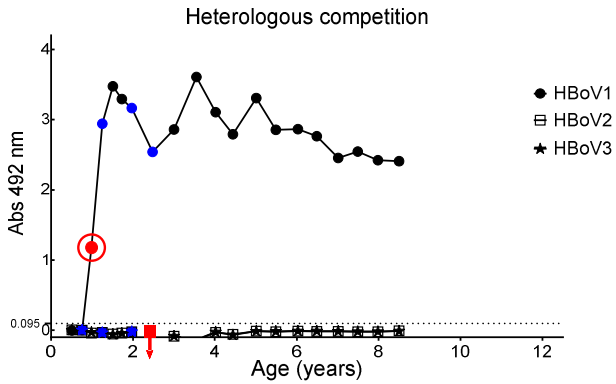

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

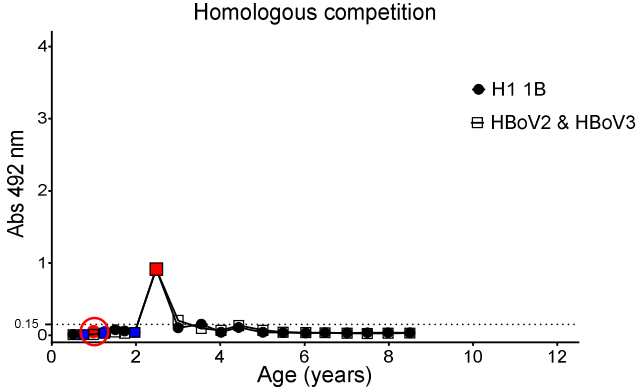

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

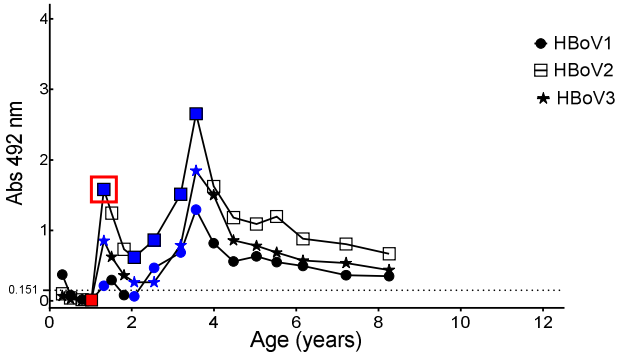
119

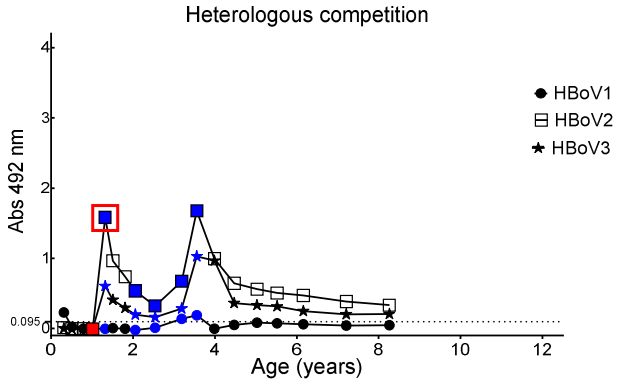

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

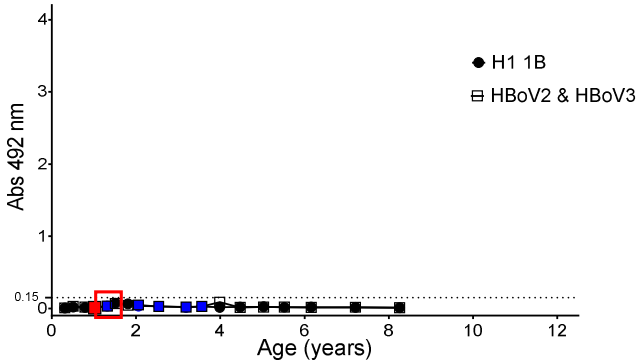

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

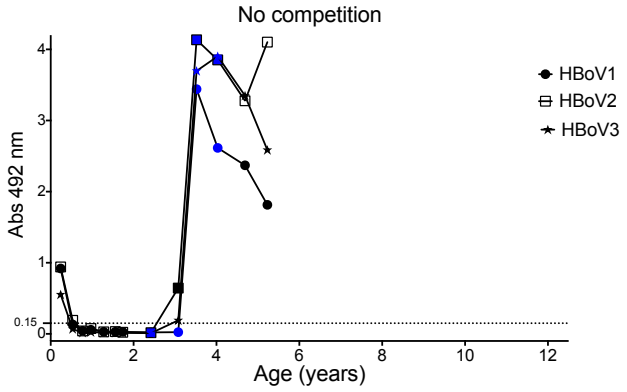
120

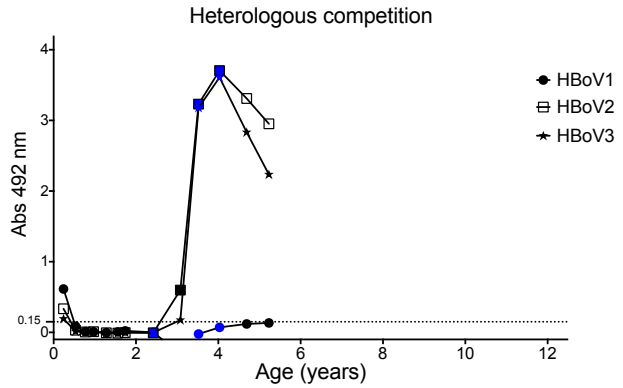

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

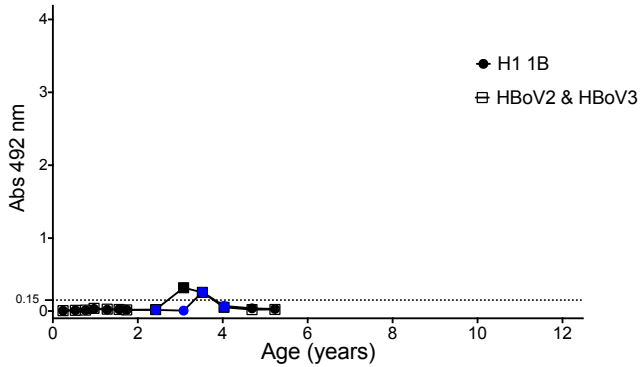

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

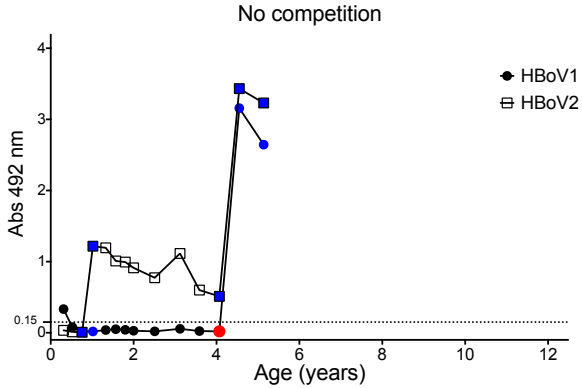
121

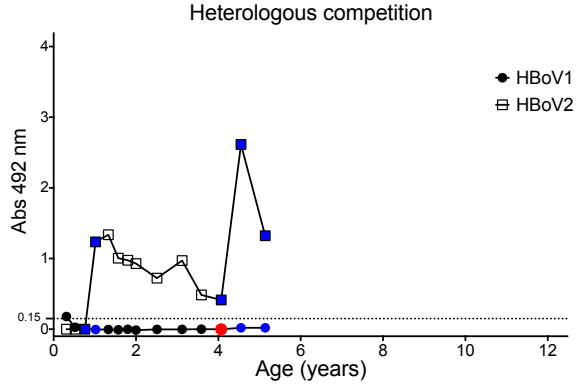

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3

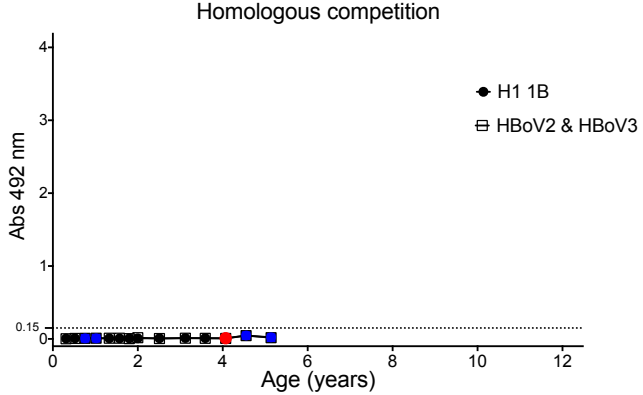

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

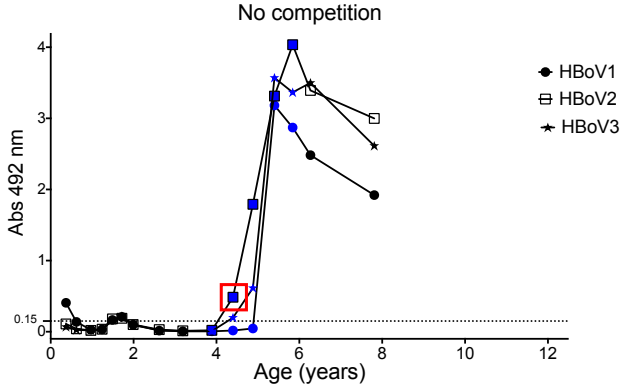
122

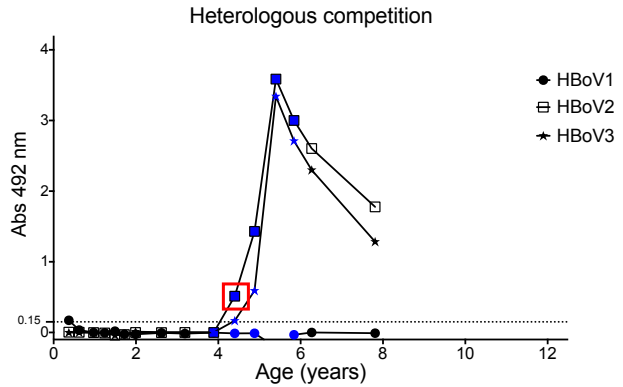

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2

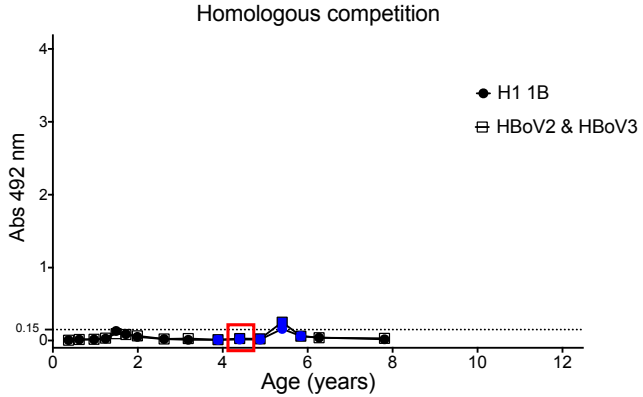

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

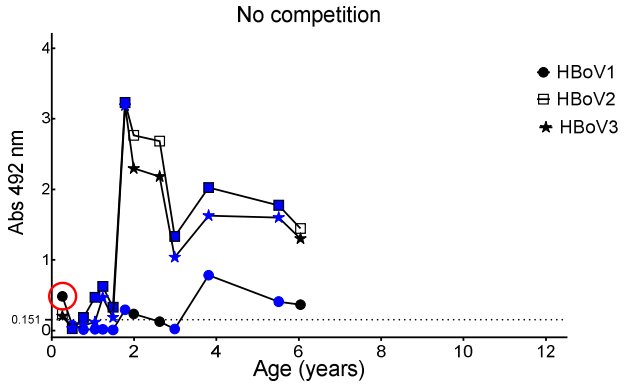
123

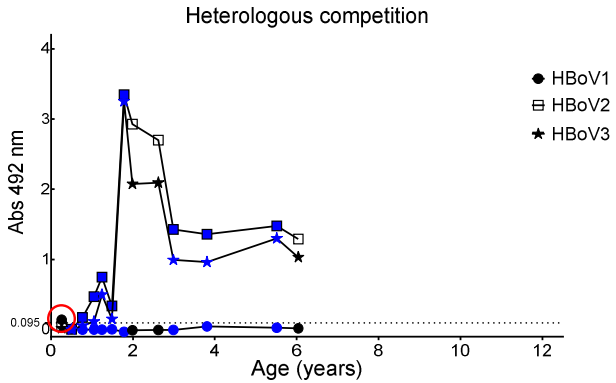

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3

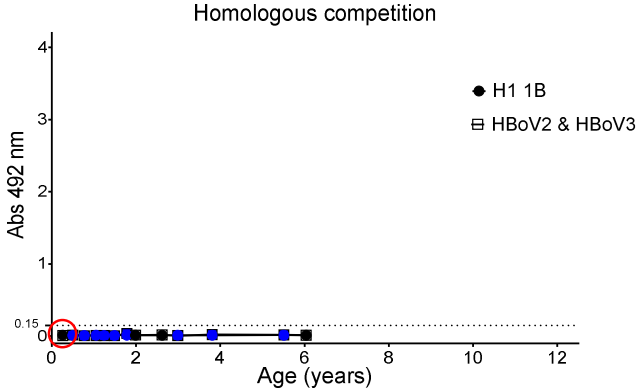

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3

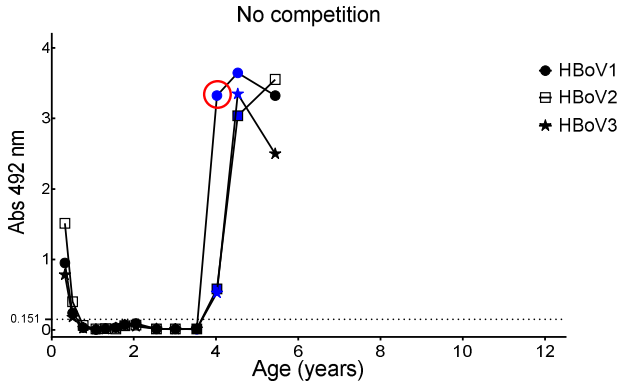
124

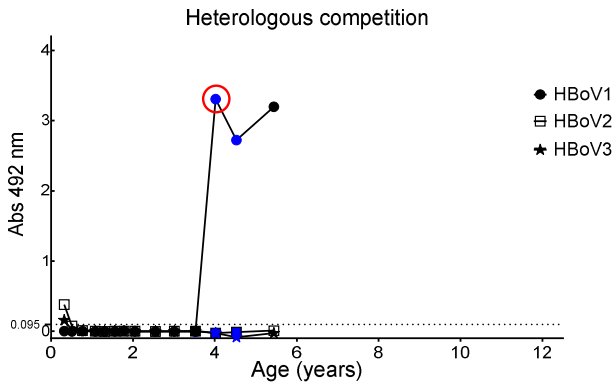

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

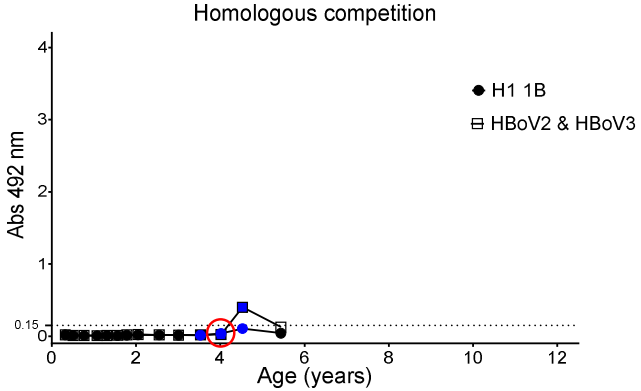

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

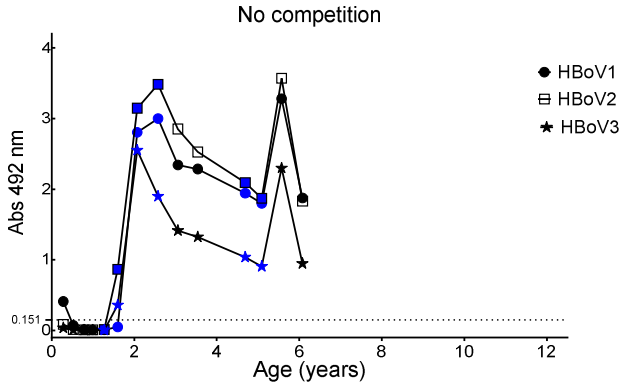
125

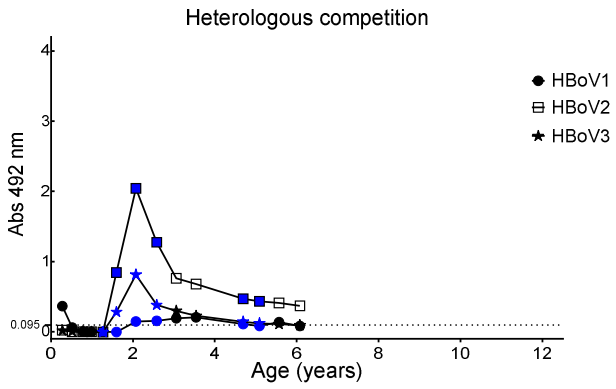

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

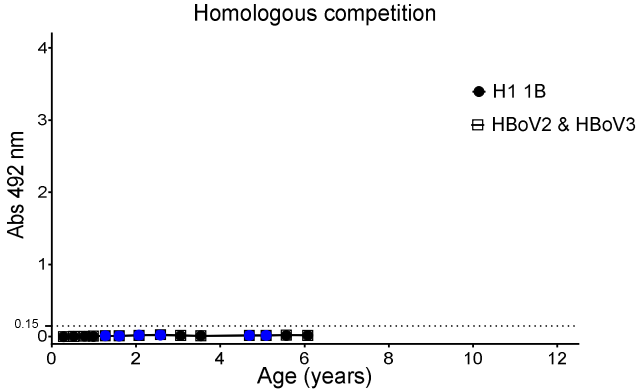

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

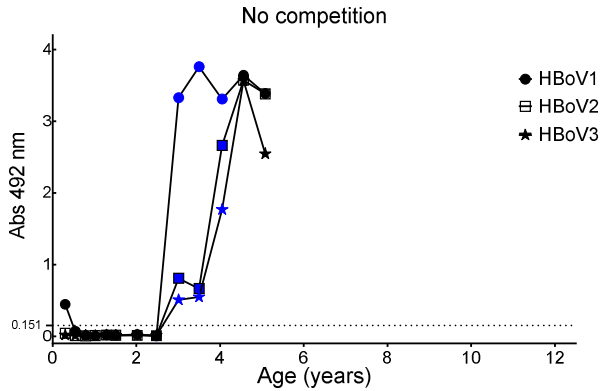
126

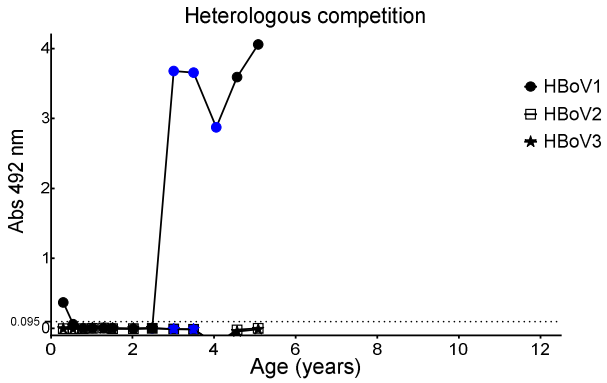

No competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.151

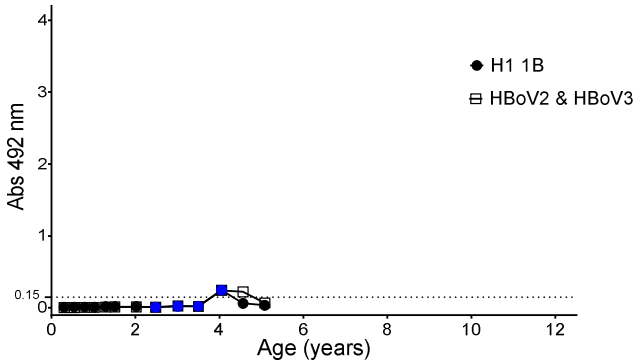

Heterologous competition
HBoV1
HBoV2
HBoV3
Abs 492 nm
Age (years)
0.095


Homologous competition
H1 1B
HBoV2 & HBoV3
Abs 492 nm
Age (years)
0.15

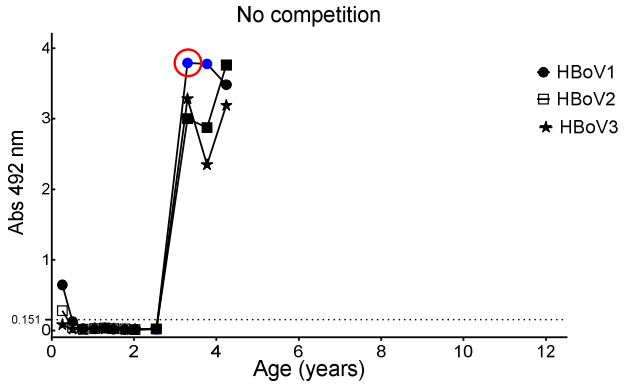
127

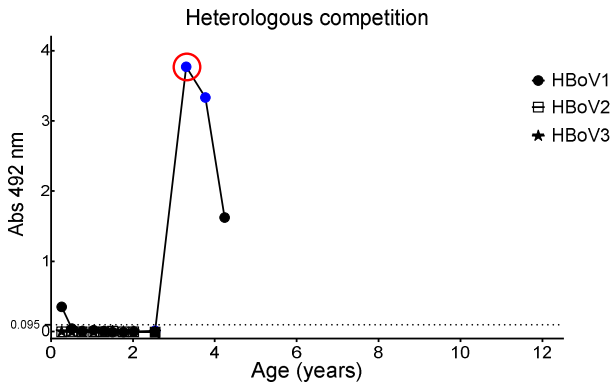

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

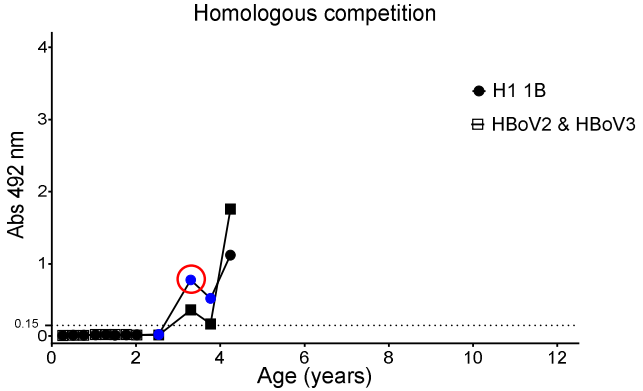

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

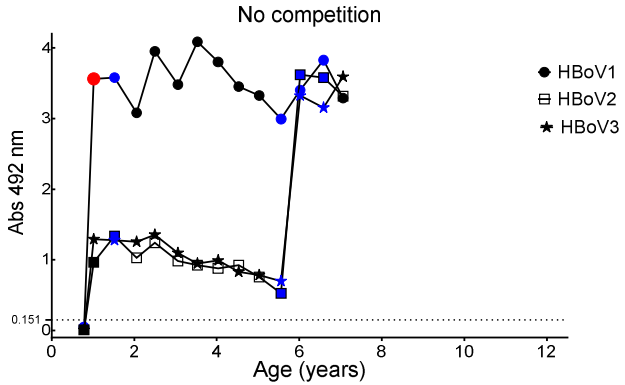
128

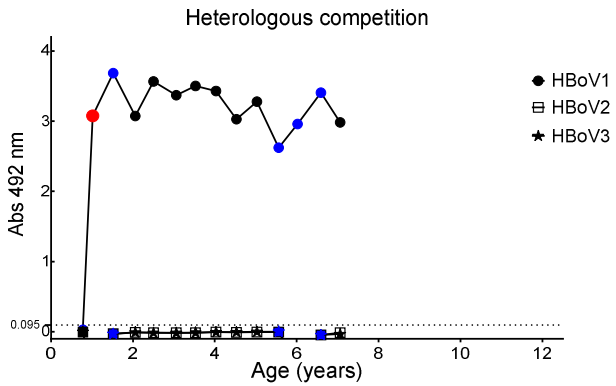

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

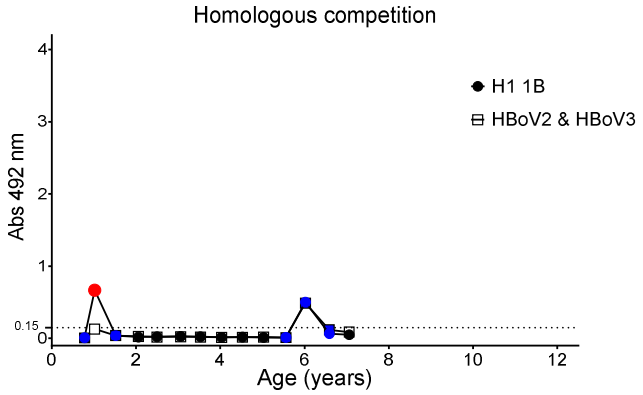

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

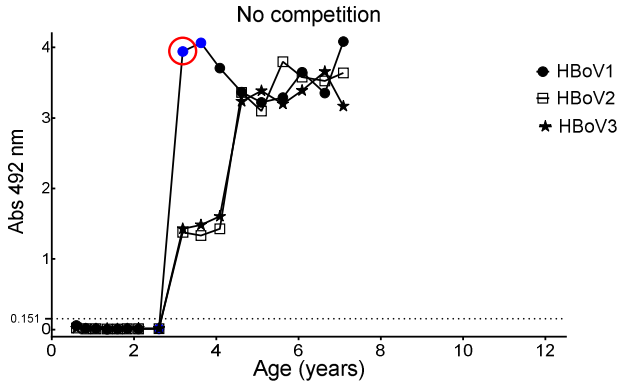
129

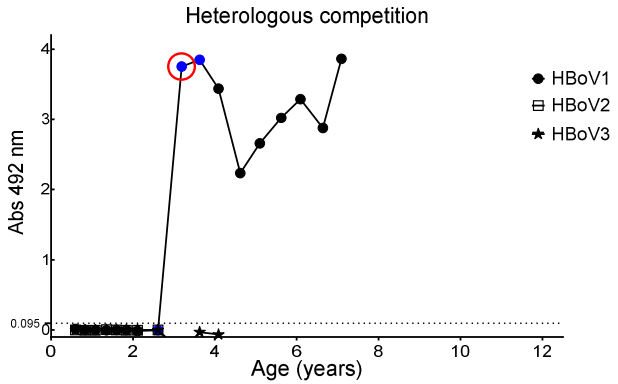

No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151

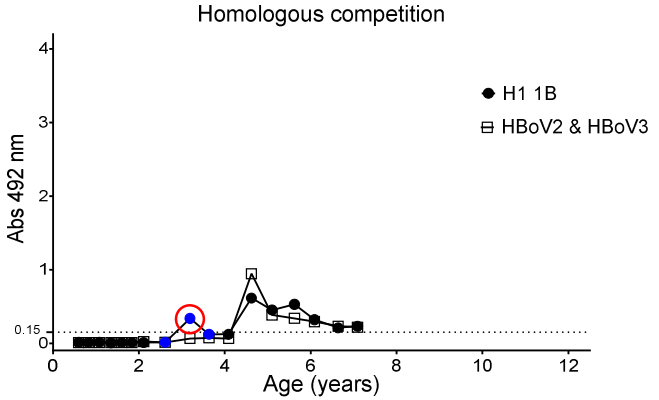

Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15

130


No competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.151


Heterologous competition
Abs 492 nm
Age (years)
HBoV1
HBoV2
HBoV3
0.095


Homologous competition
Abs 492 nm
Age (years)
H1 1B
HBoV2 & HBoV3
0.15