

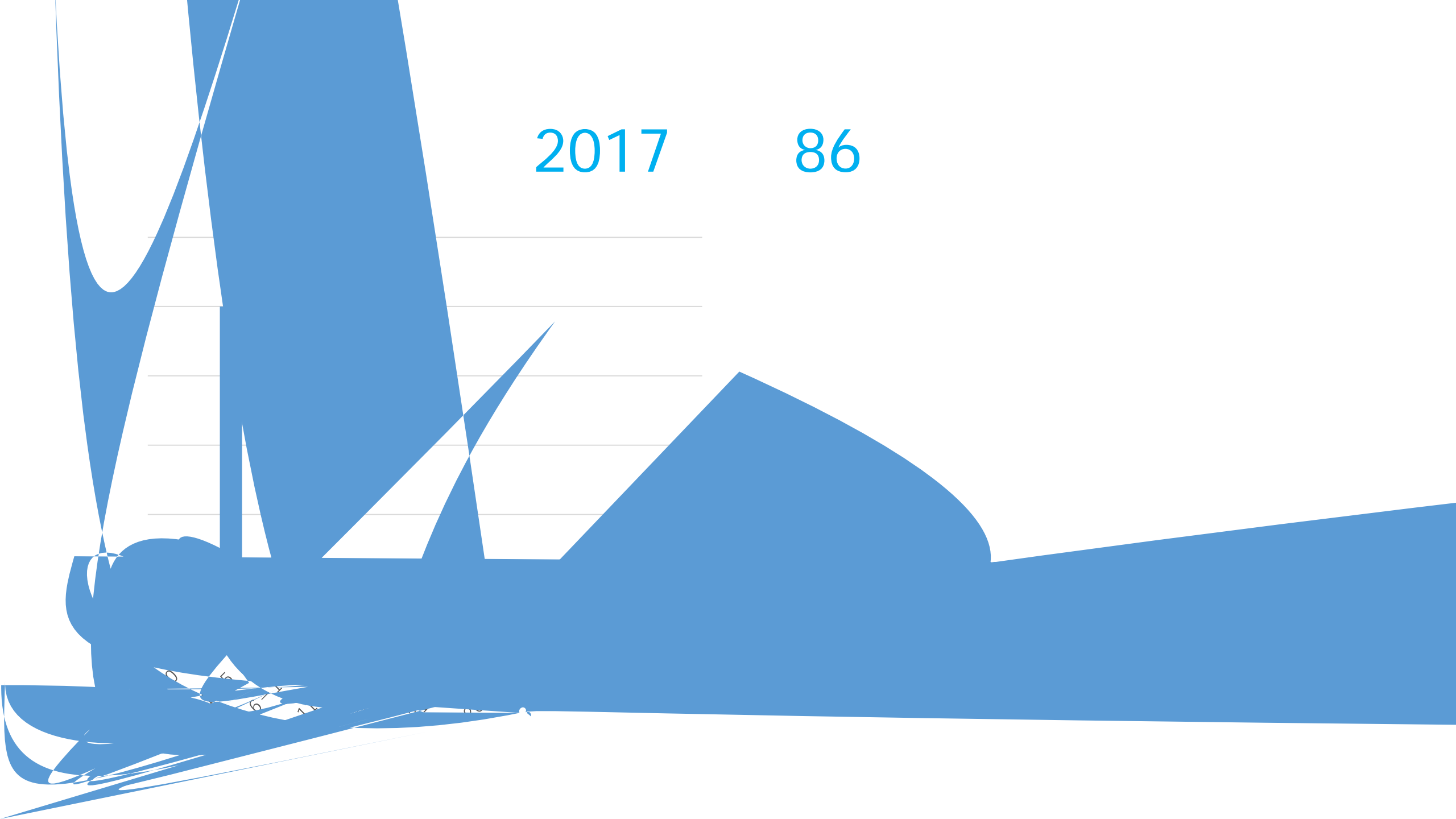
WHO2016
2017

2018

PDCA

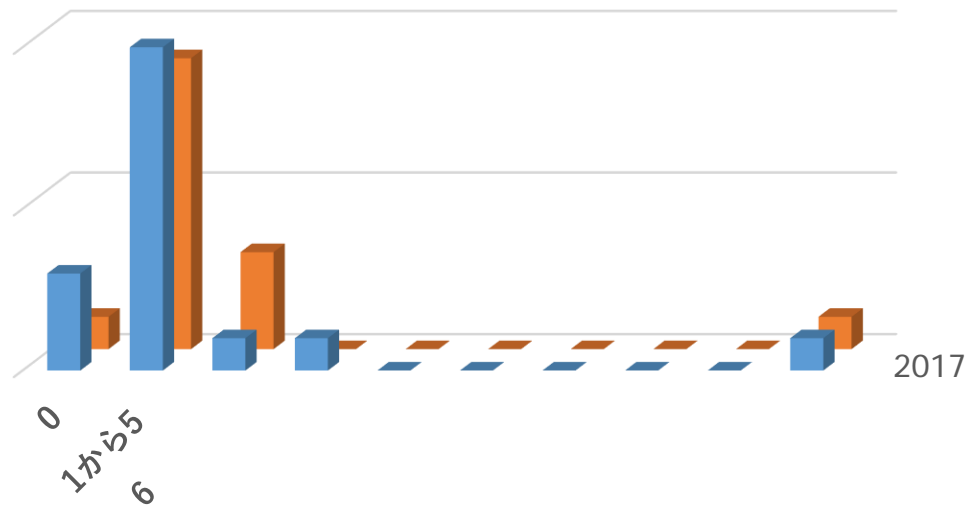
2017

86



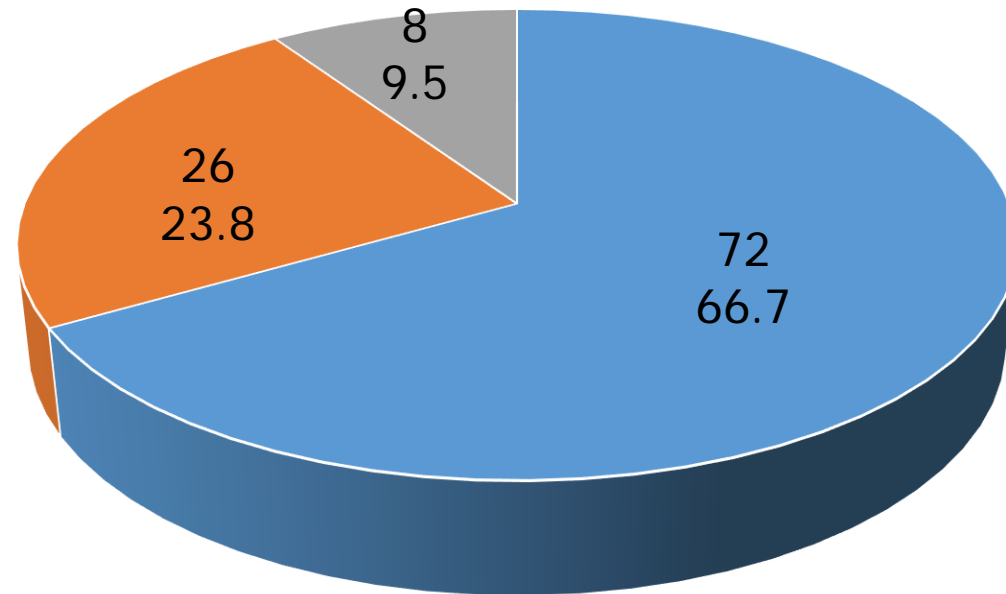
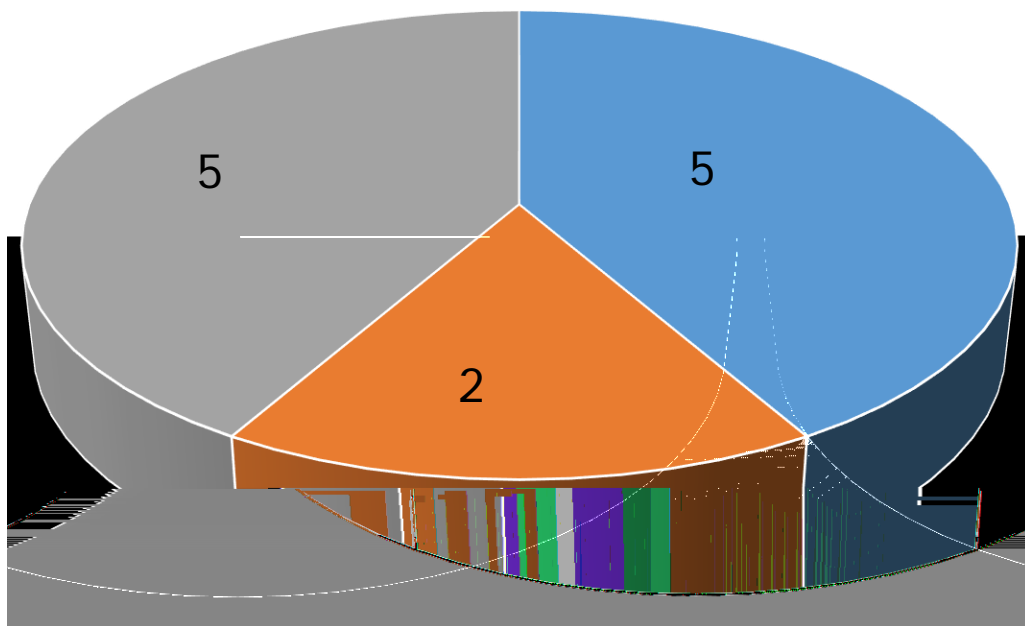
2018

94



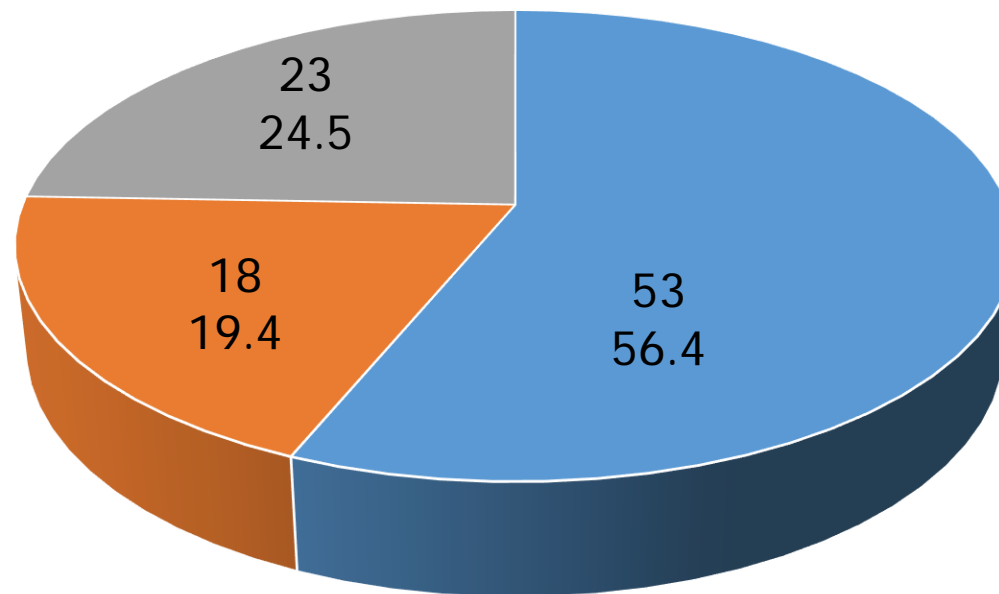
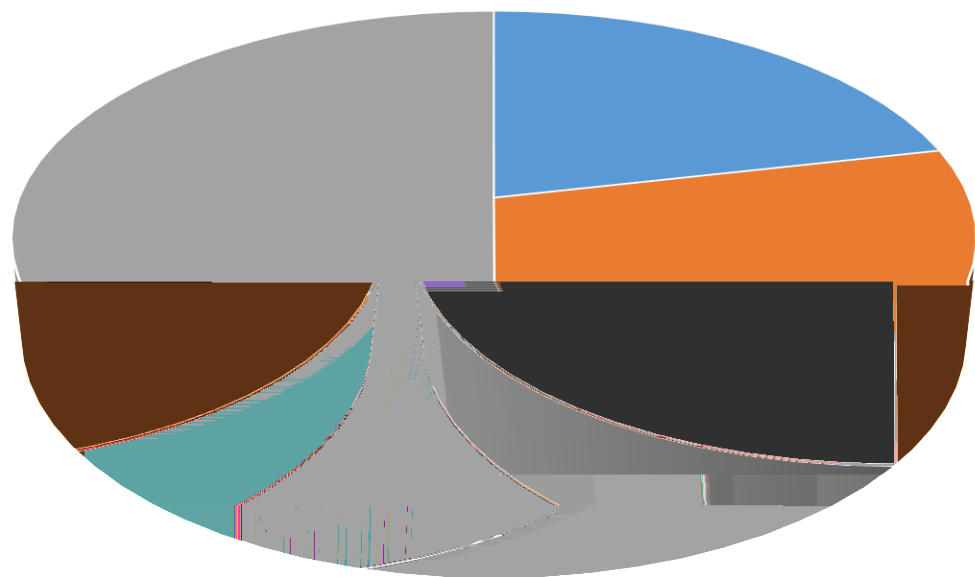
: IDH R132H

IHC 2017



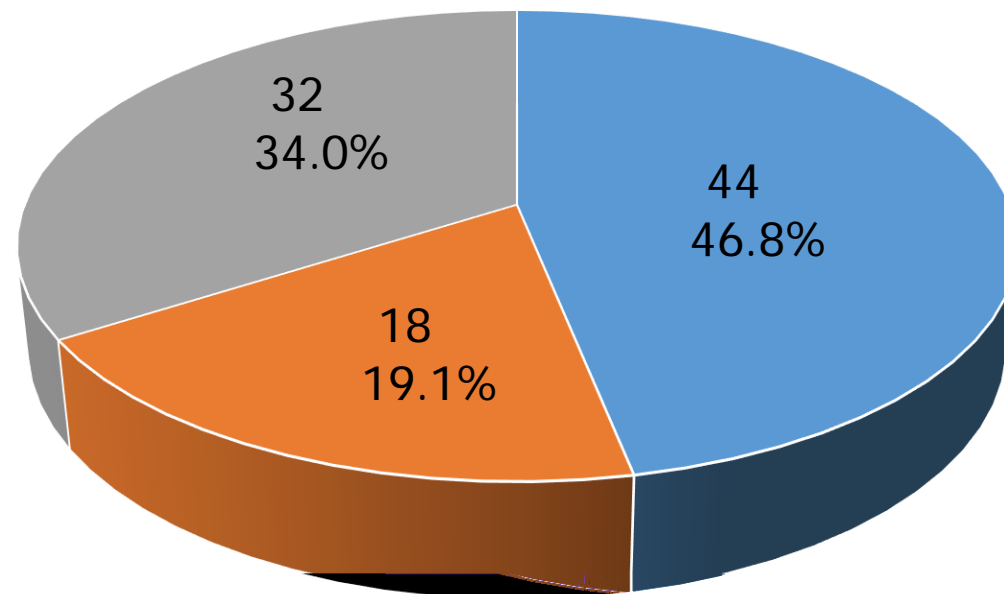
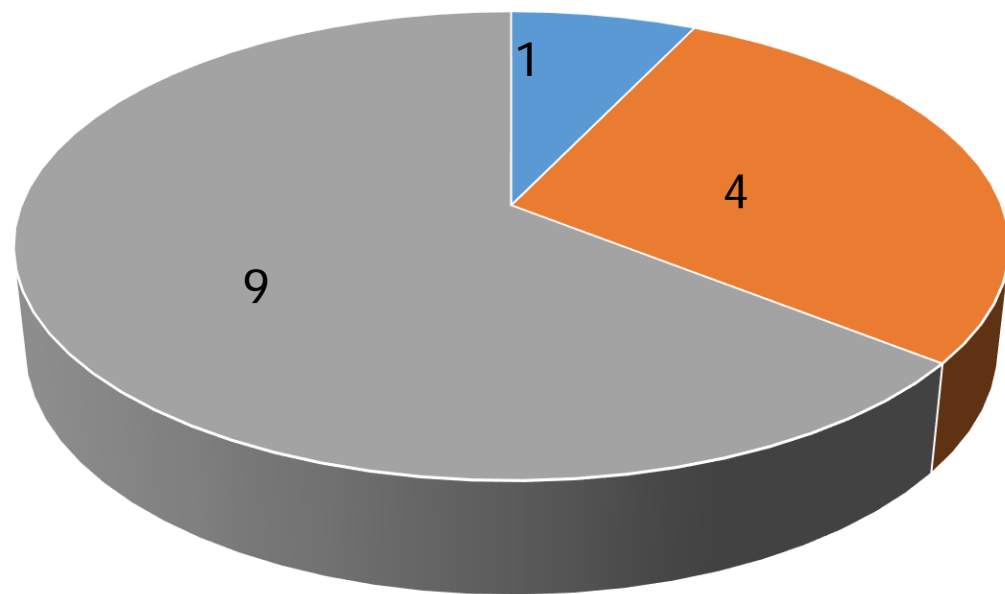
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IHC 2018



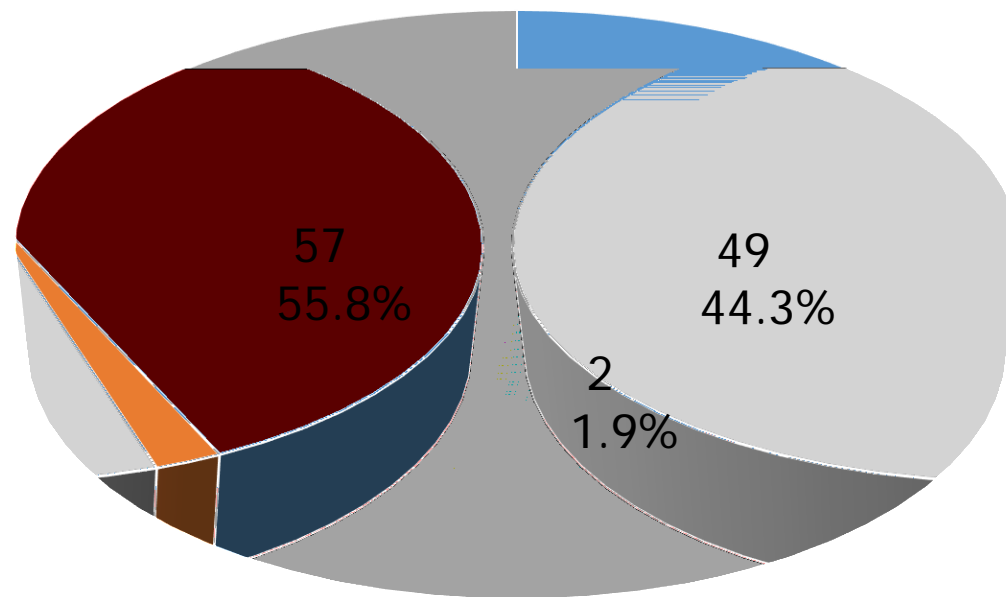
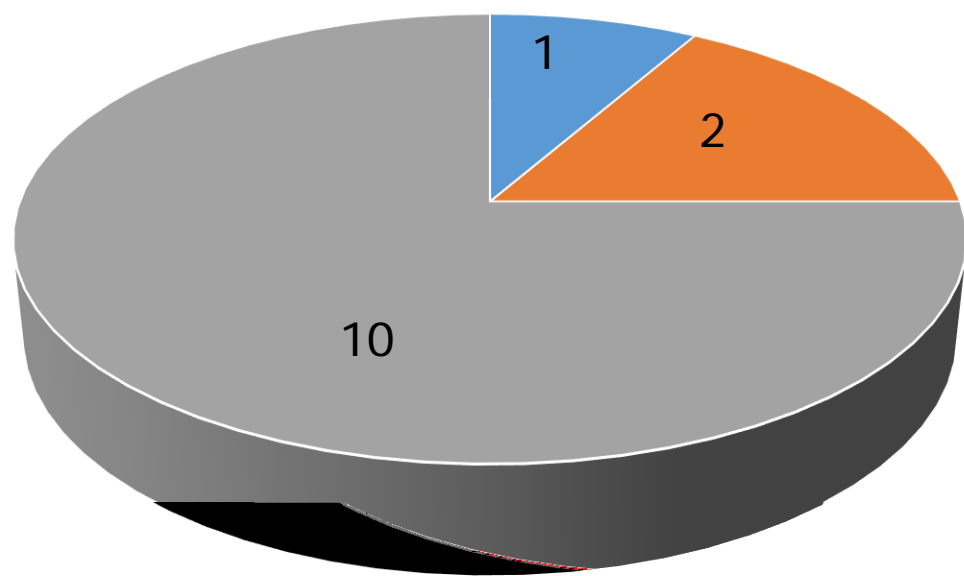
: 1p/19q LOH

2017

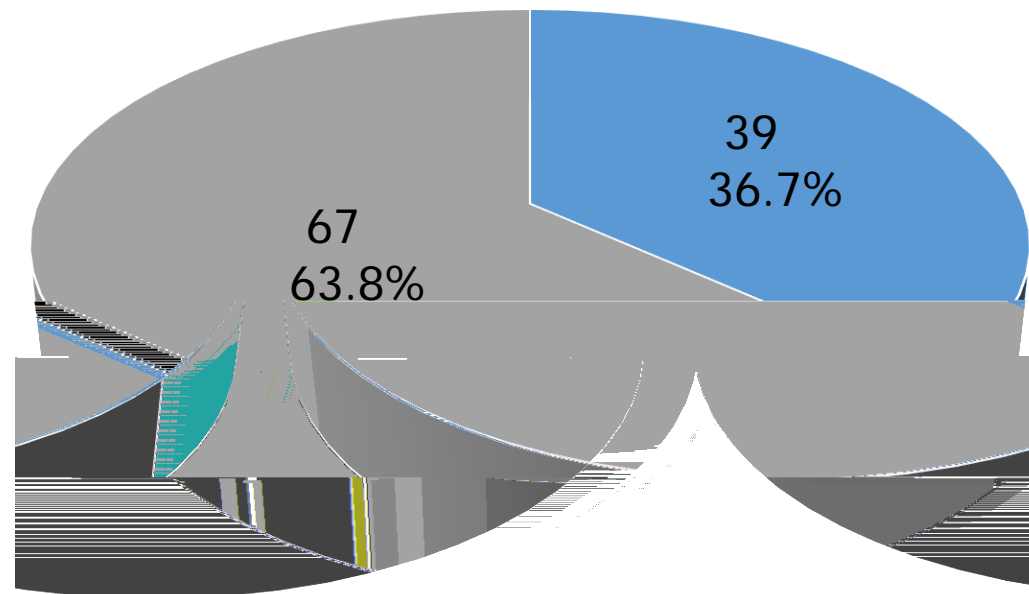
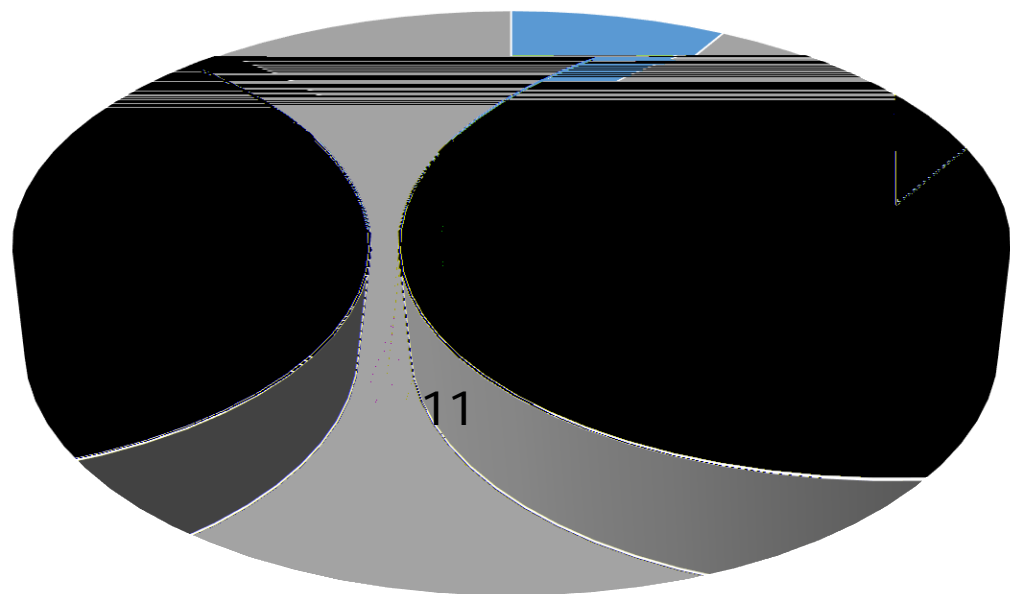


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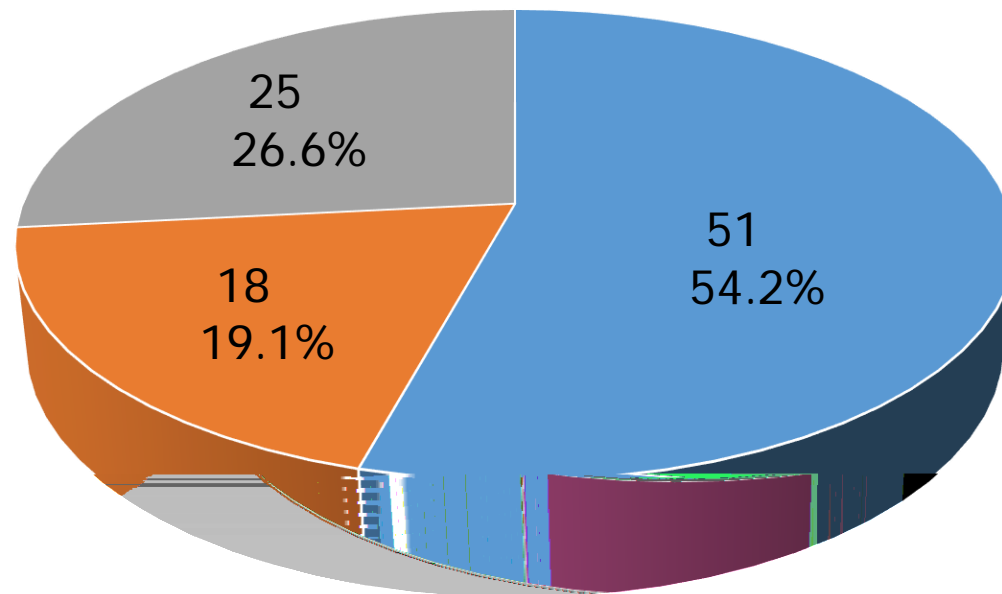
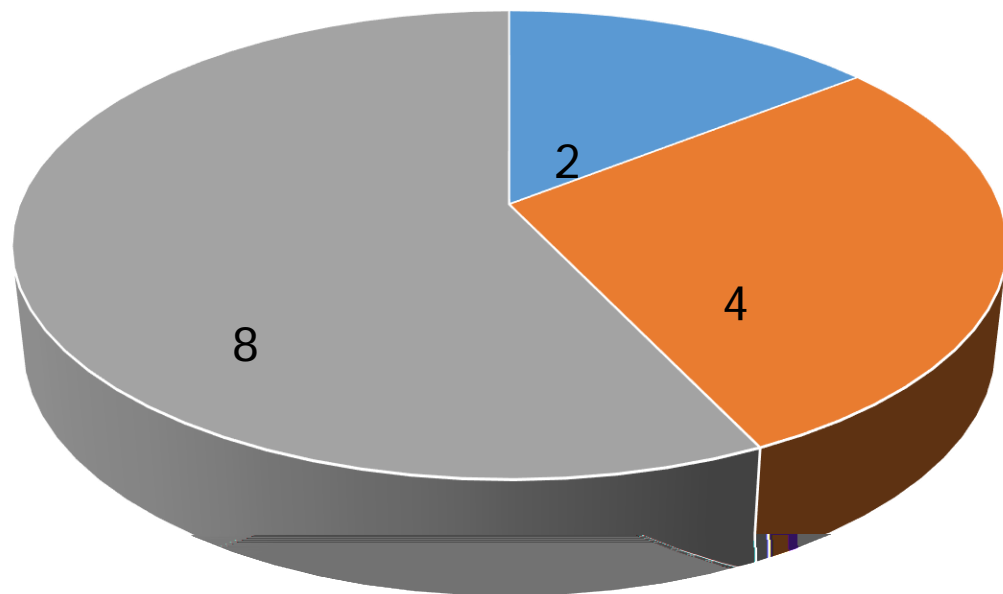
2018



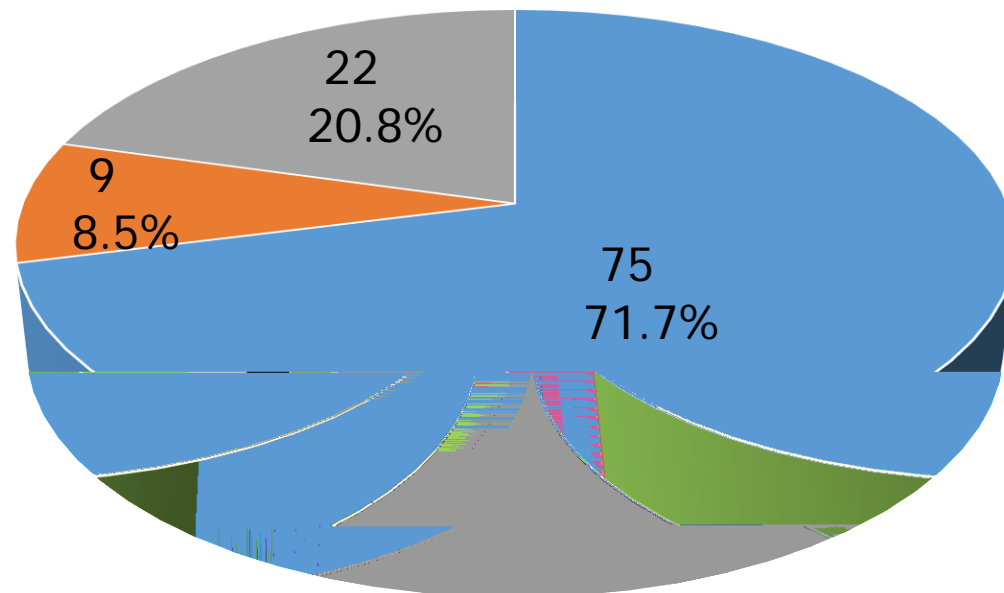
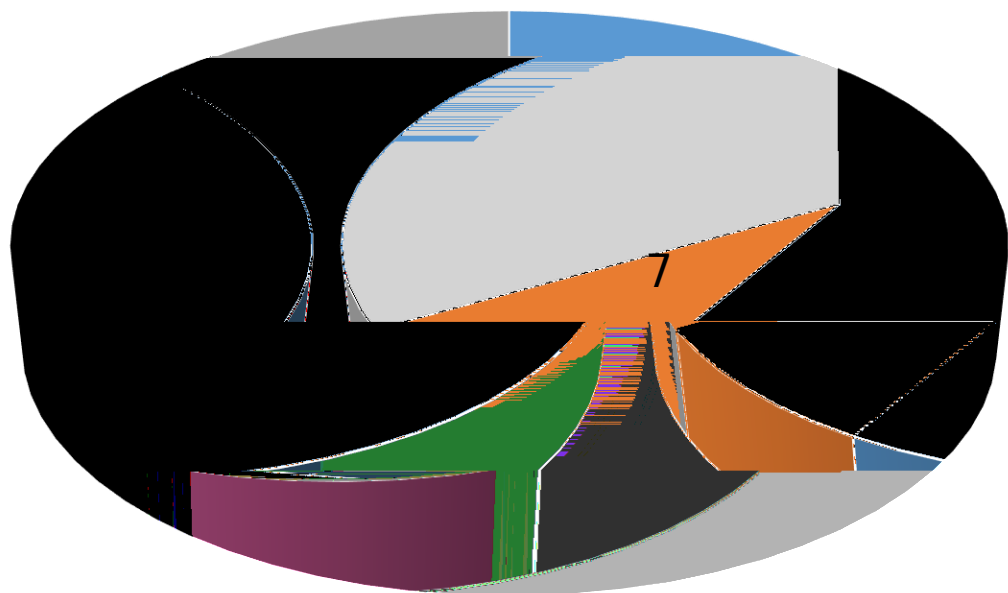
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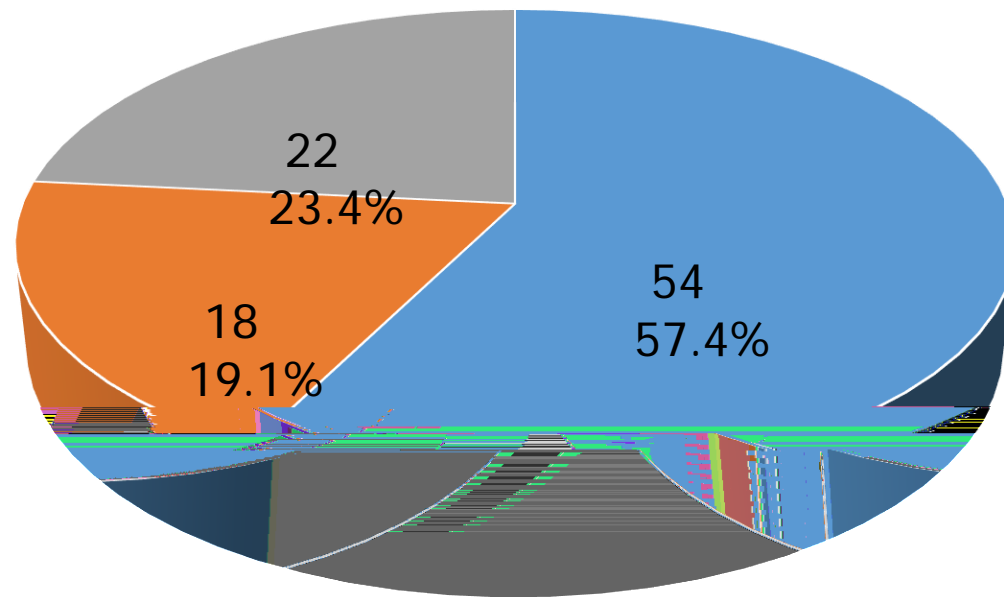
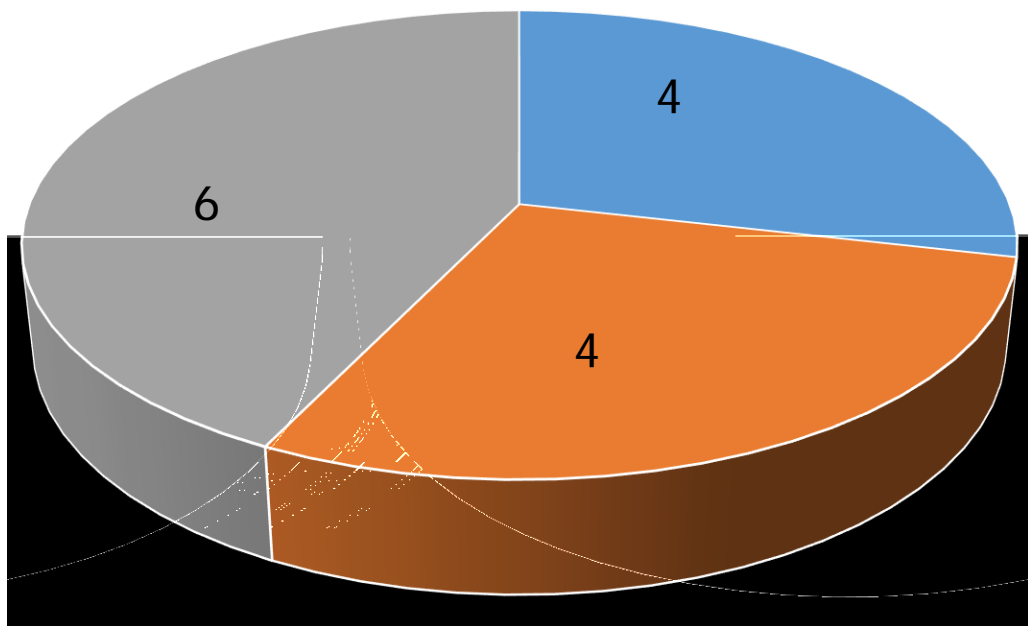
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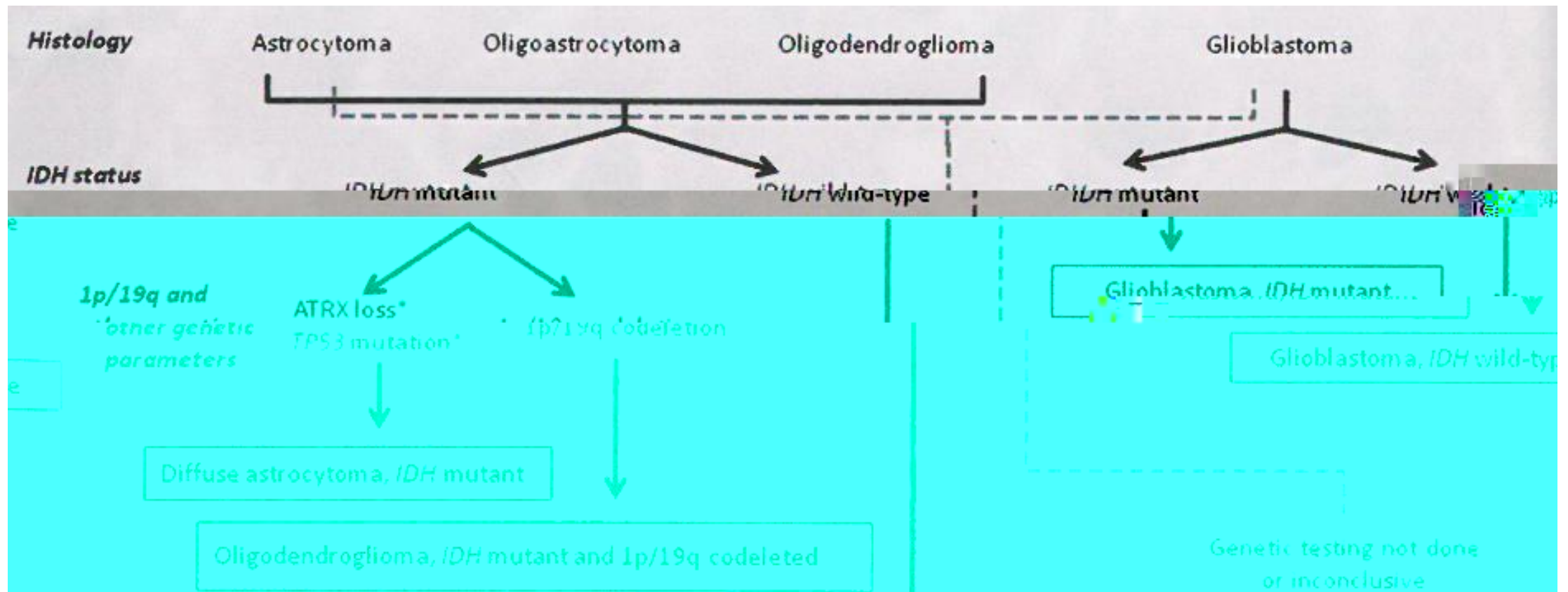
: p-53 IHC 2017



: p-53 IHC 2018



2017 2018



WHO2016

GFAP

vimentin

IDH

ATRX

1p/19qLOH

abcam anti-IDH1 71682	100	700	
FISH	160920	10	16000
abcam anti-ATRX 68400	200	340	
Dako p-53 antibody 20520	100	200	
SIG anti-L1CAM 100548	200	500	
CST anti-LIN28A 54378	400	135	

WHO2016

2017 2018

CDX

GFAP

IDH

