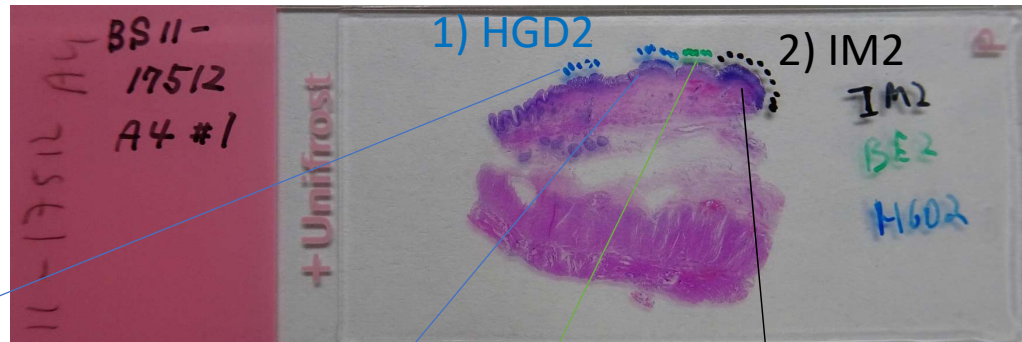


The cases (slides) received at 2018/8/13

Patient 10\_11

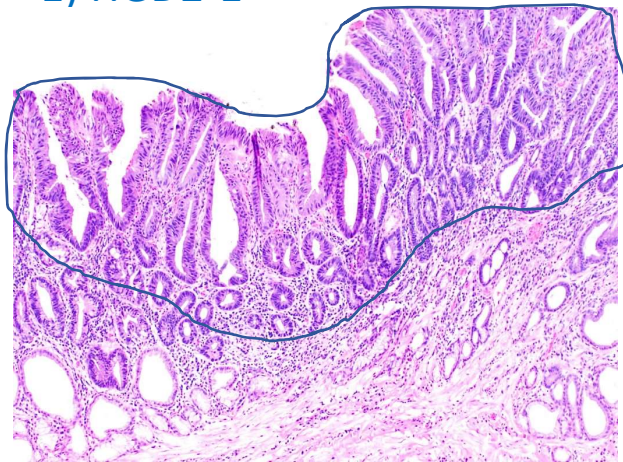
Patient 10\_11

BS11-17512\_A4\_HE



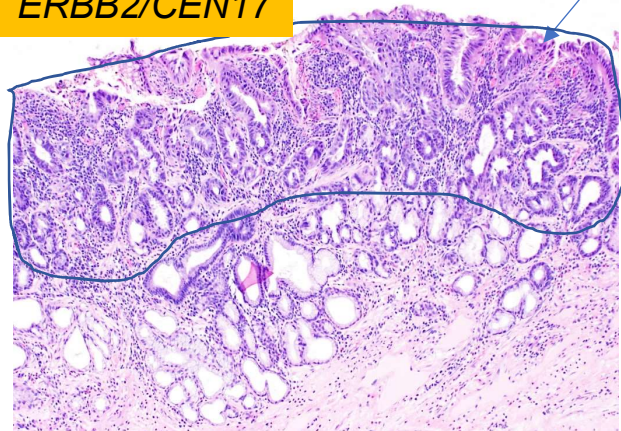
ERBB2/CEN17

1) HGD2-1



1) HGD2-2 OR

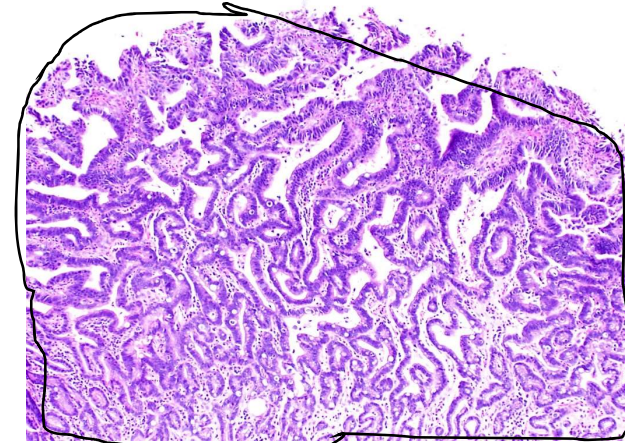
ERBB2/CEN17



2) IMEAC2

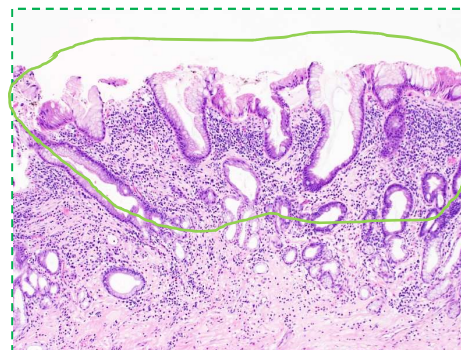
ERBB2/CEN17

CEN5,10,12/cells counts



a) BE

ERBB2/CEN17

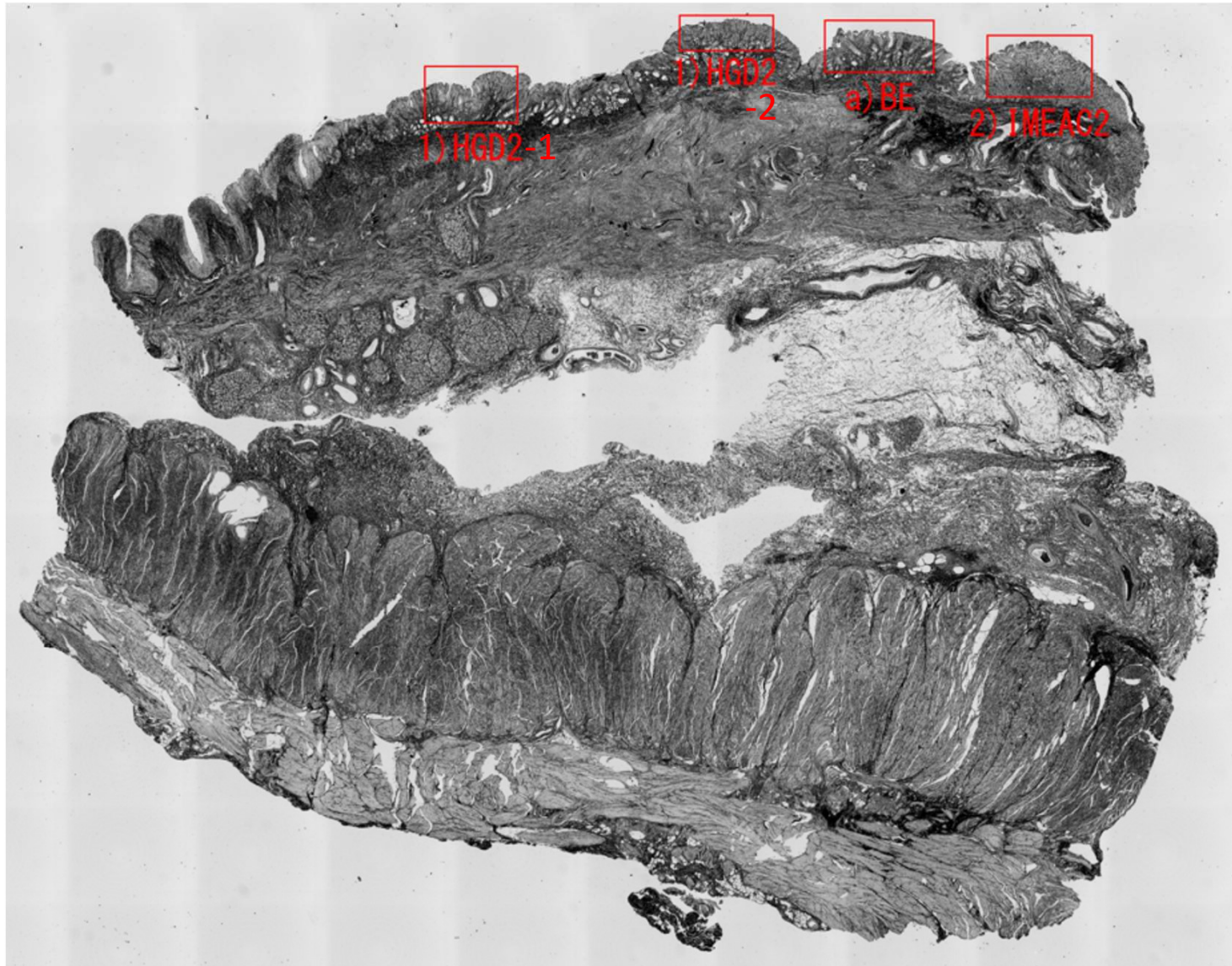




## NGS results

1)	10_11	HGD	10_11_HGD2	<b>BS11-17512 A4</b>	GATA4	GATA6 LOW
2)	10_11	IMEAC	10_11_IMEAC2	<b>BS11-17512 A4</b>	GATA4 HIGH	GATA6 LOW

## FISH mapping

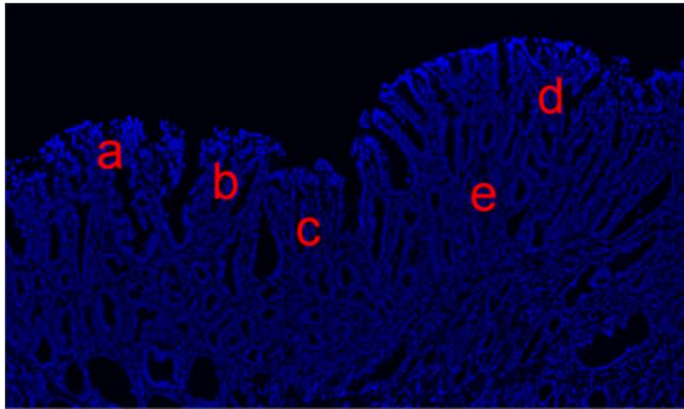




## FISH results

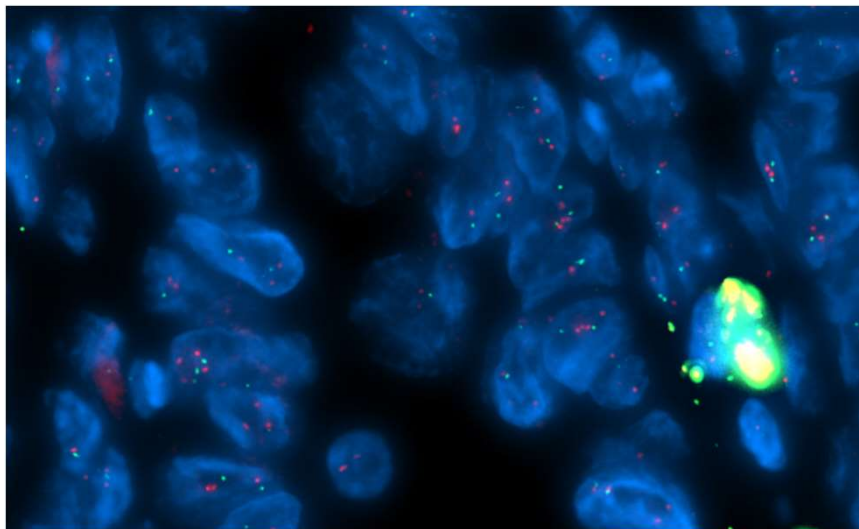
1) HGD2-1

*ERBB2/CEN17*



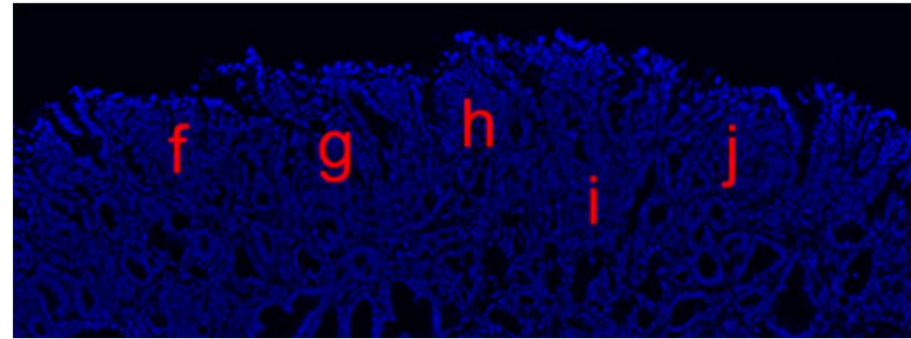
Representative FISH image, g

*ERBB2 CEN17*



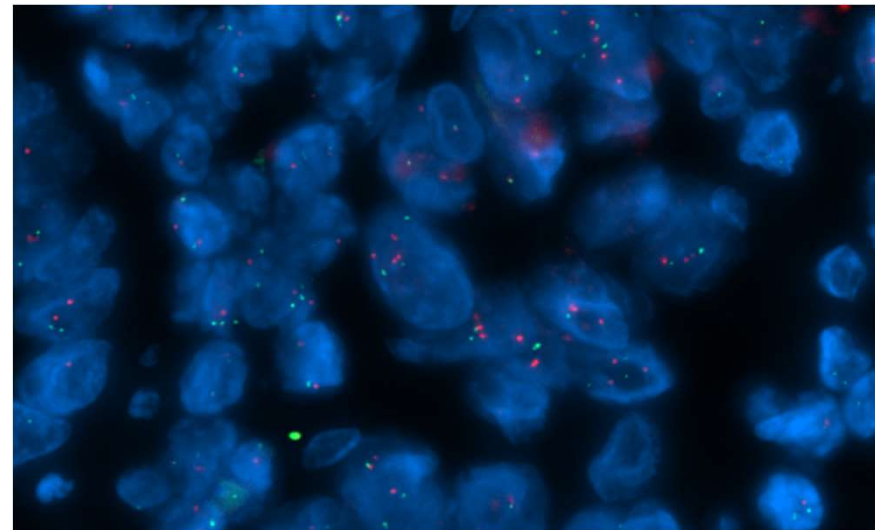
1) HGD2-2

*ERBB2/CEN17*



Representative FISH image, j

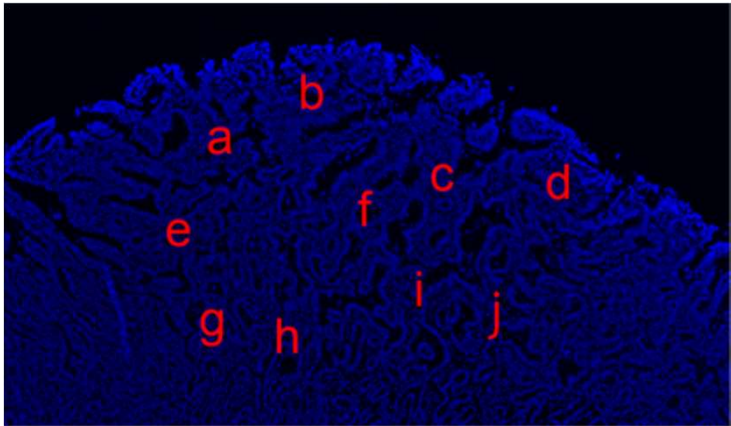
*ERBB2 CEN17*



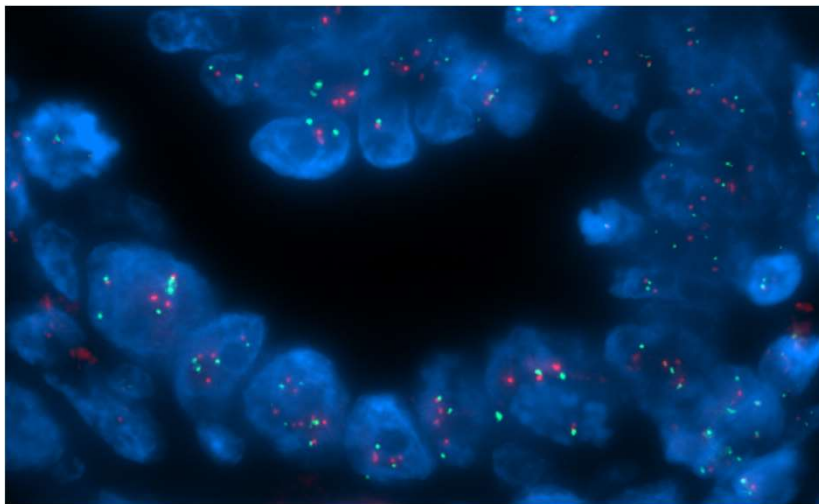
FISH: no amplification  
(consistent with NGS results)

# FISH results

**ERBB2/CEN17**



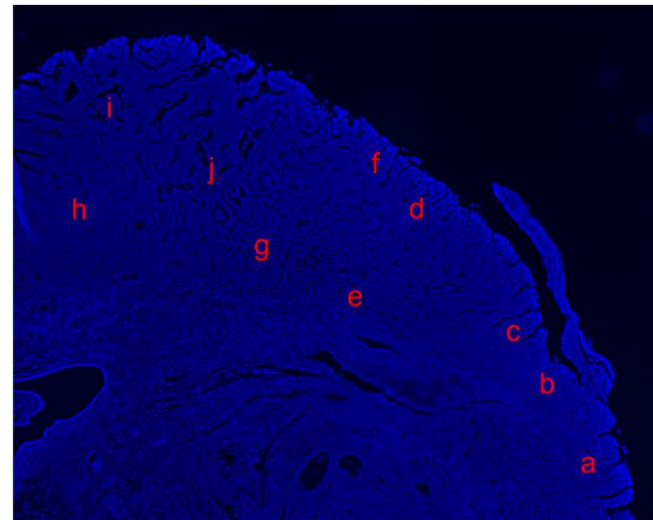
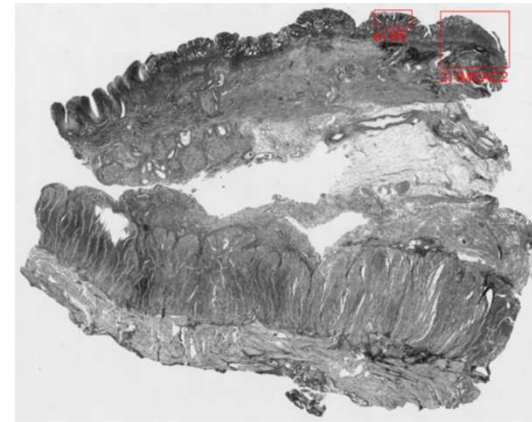
Representative FISH image, b  
**ERBB2** **CEN17**



FISH: no amplification  
(consistent with NGS results)

# 2) IMEAC2

**CEN5,10,12/cells counts**

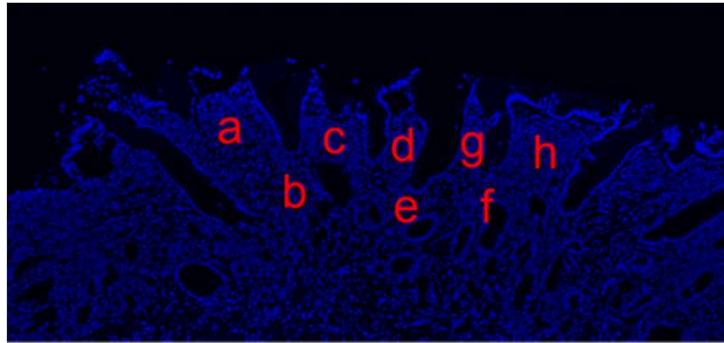


Please see the Excel file

FISH results

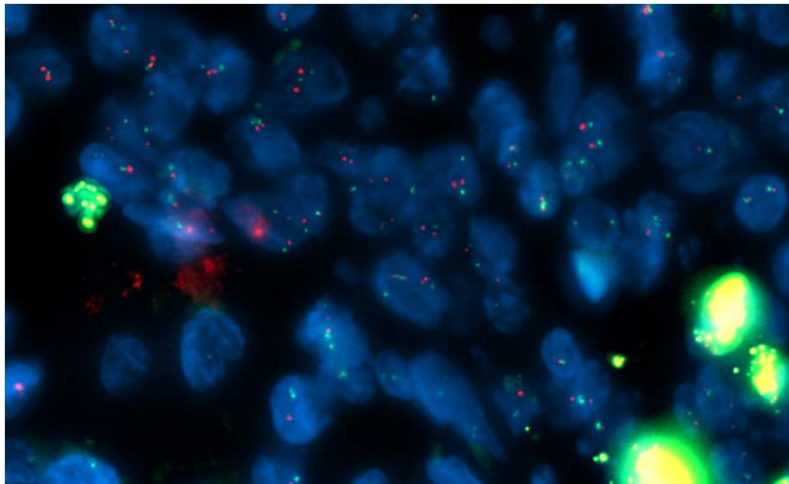
a) BE

**ERBB2/CEN17**



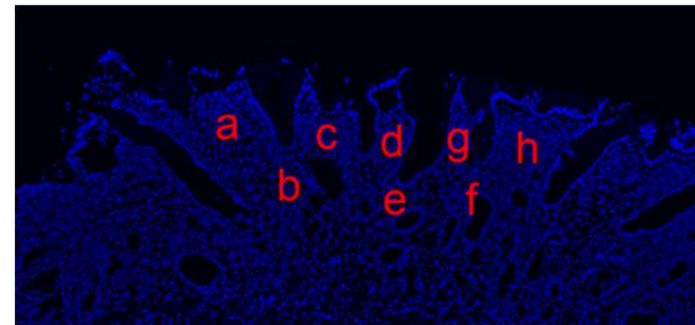
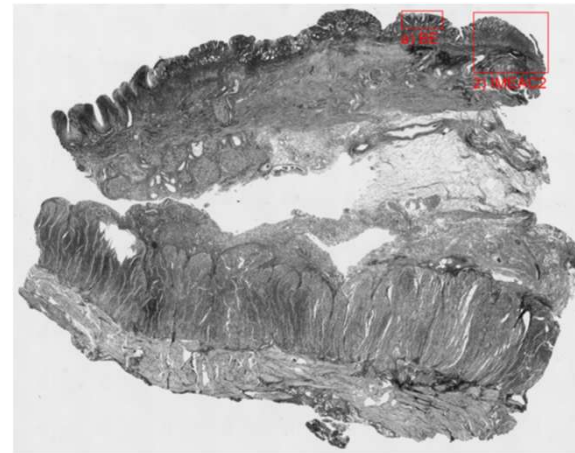
Representative FISH image, c

**ERBB2** **CEN17**



FISH: no amplification

**CEN5,10,12/cells counts**



Please see the Excel file

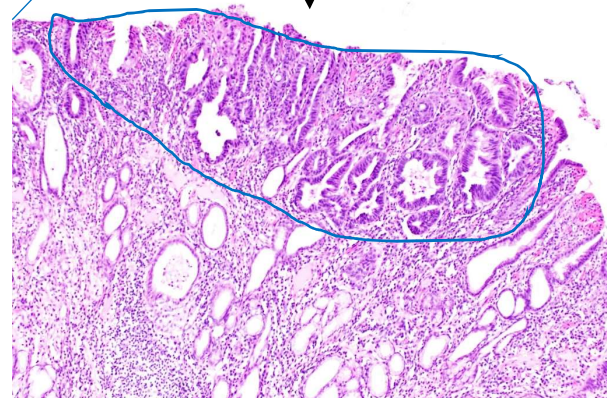
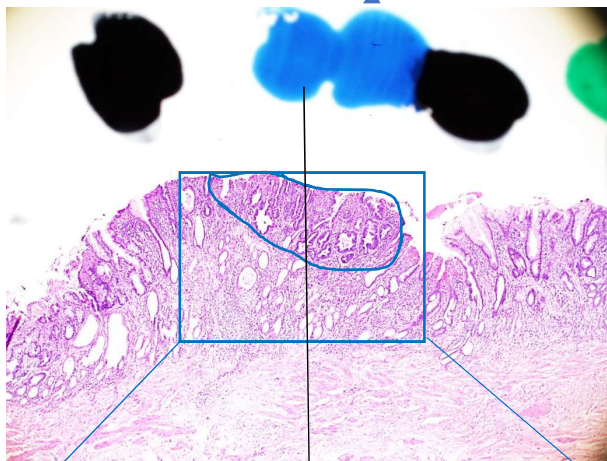


Patient 10\_11

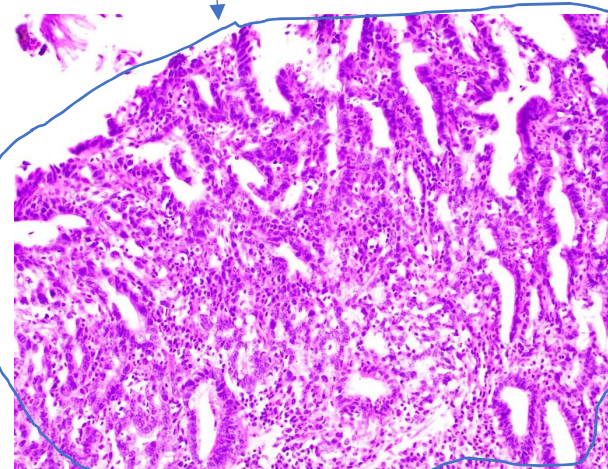
BS11-17512\_A5\_HE



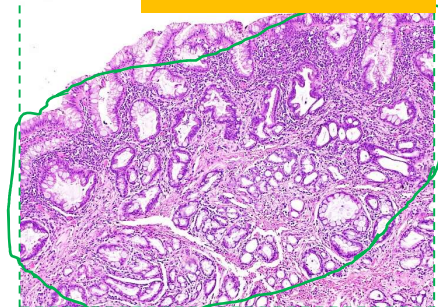
3) HGD3 **ERBB2/CEN17**



4) IMEAC3 **ERBB2/CEN17**  
CEN11, 22/cells counts



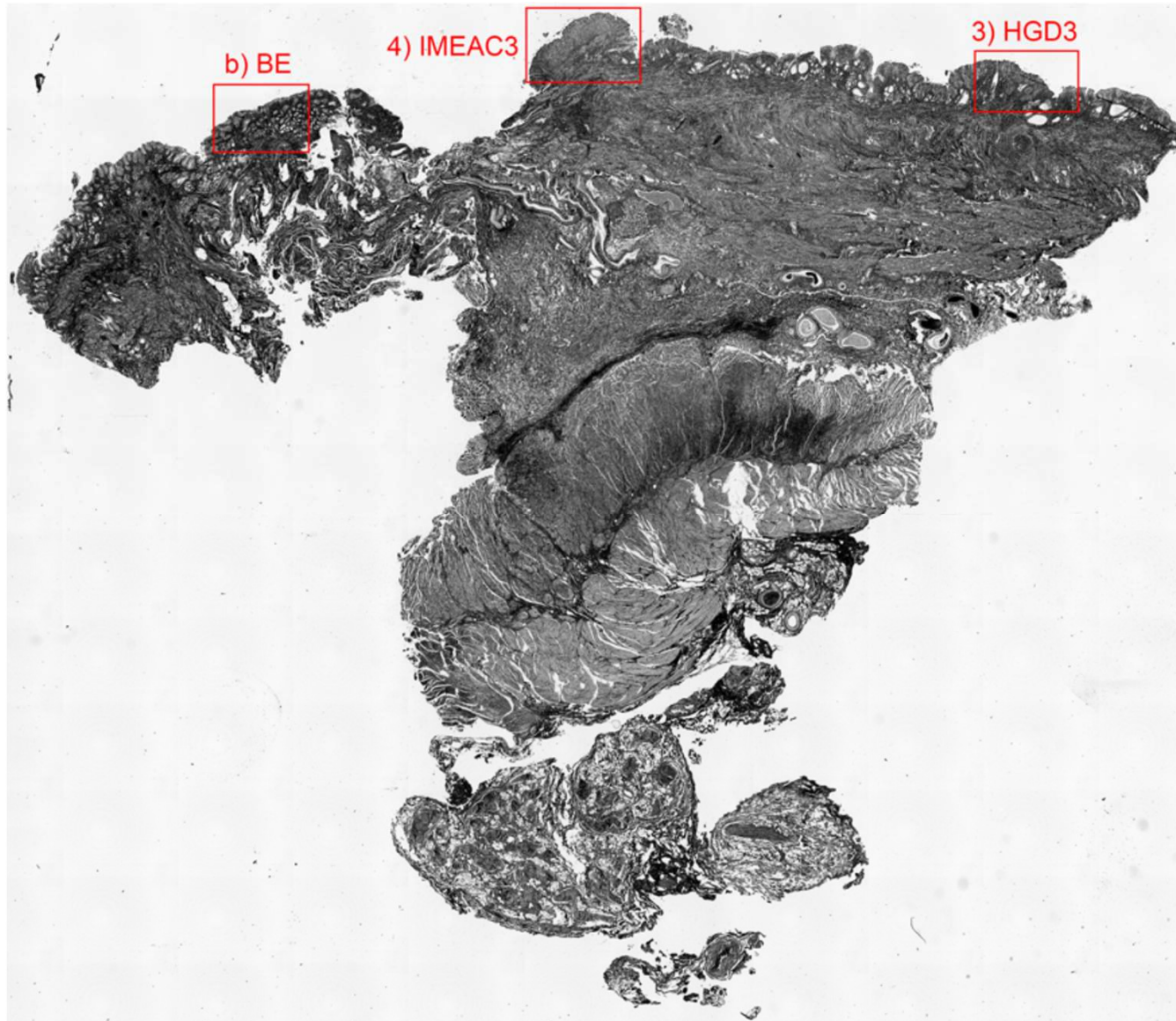
b) BE **ERBB2/CEN17**



## NGS results

3)	10_11	HGD	10_11_HGD3	<b>BS11-17512 A5</b>		GATA4	GATA6 LOW
4)	10-11	IMEAC	10-11-IMEAC3	<b>BS11-17512 A5</b>	CDK6	GATA4 HIGH	GATA6 LOW

## FISH mapping

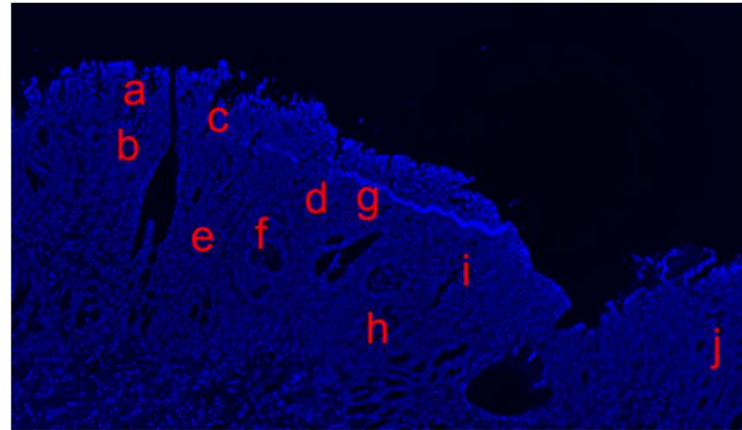




FISH results

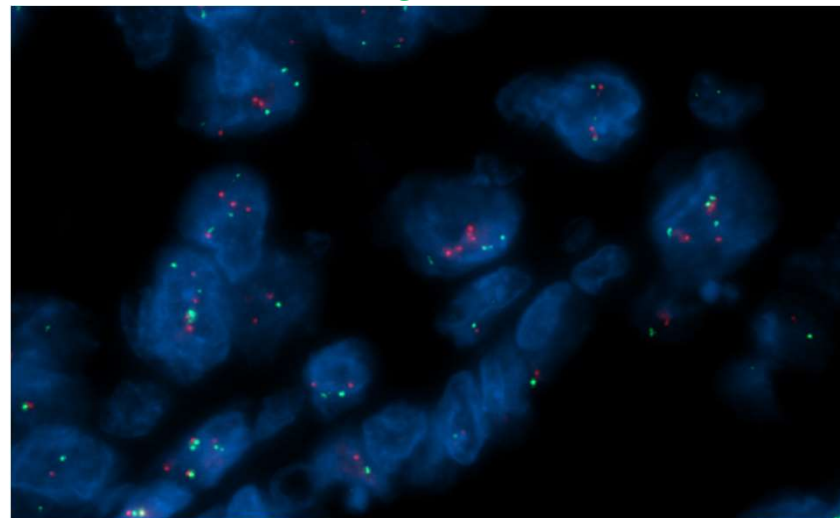
3) HGD3

*ERBB2/CEN17*



Representative FISH image, h

*ERBB2* *CEN17*



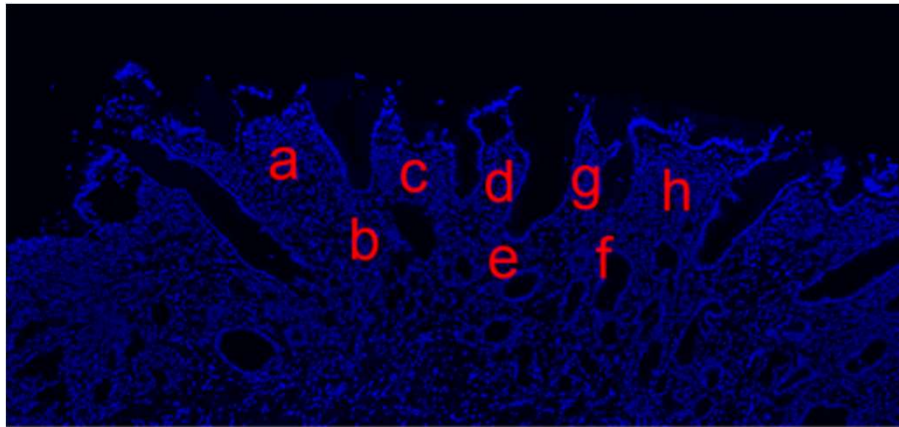
FISH: no amplification  
(consistent with NGS results)



# FISH results

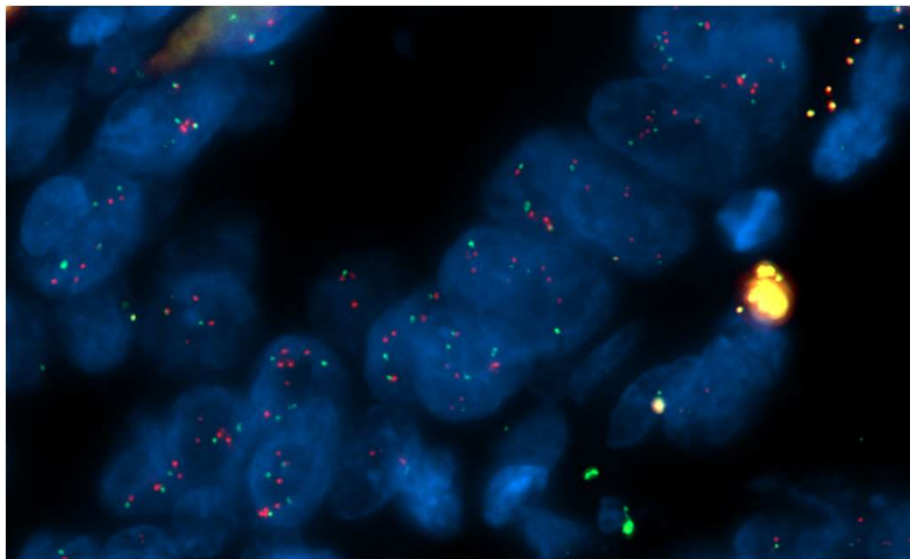
## 4) IMEAC3

**ERBB2/CEN17**



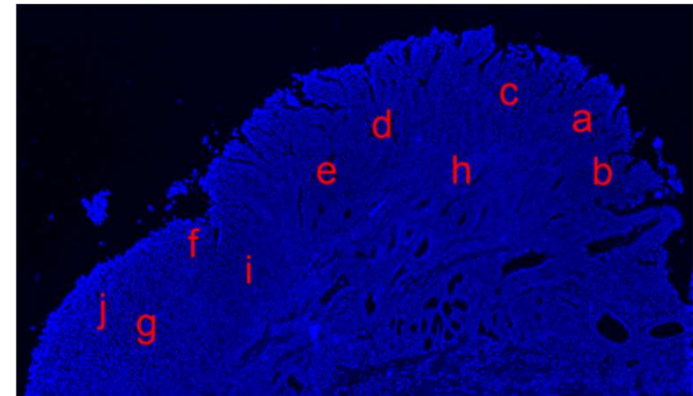
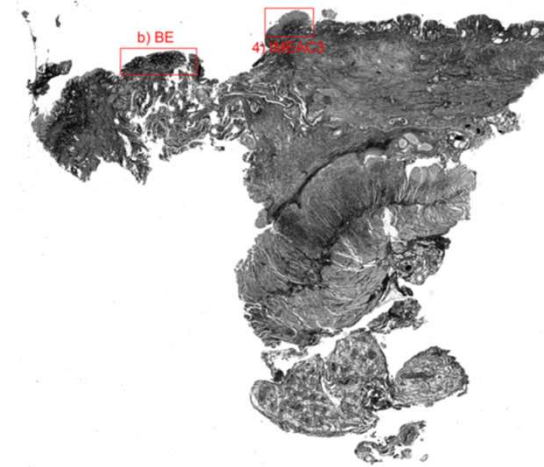
Representative FISH image, a

**ERBB2 CEN17**



FISH: No – very low amplification of ERBB2  
(consistent? with NGS results)

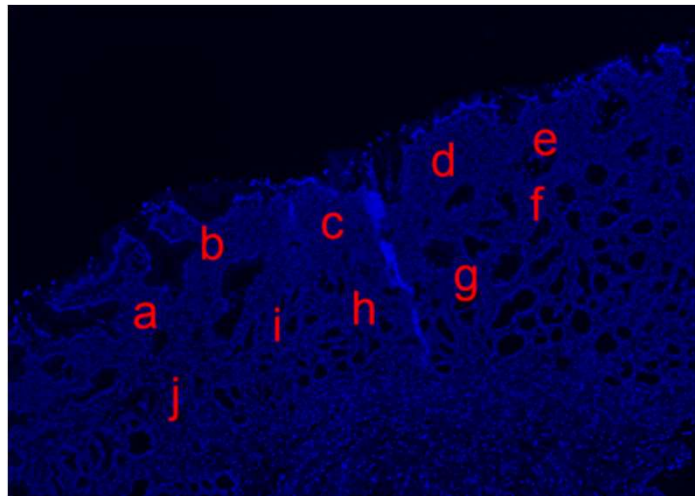
**CEN11, 22/cells counts**



Please see the Excel file

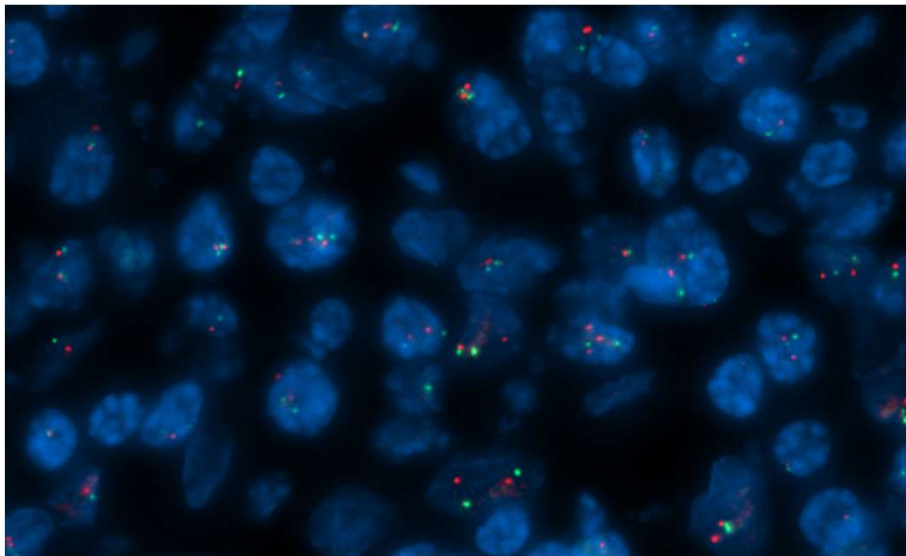
# FISH results

MYC/CEN8



Representative FISH image, c

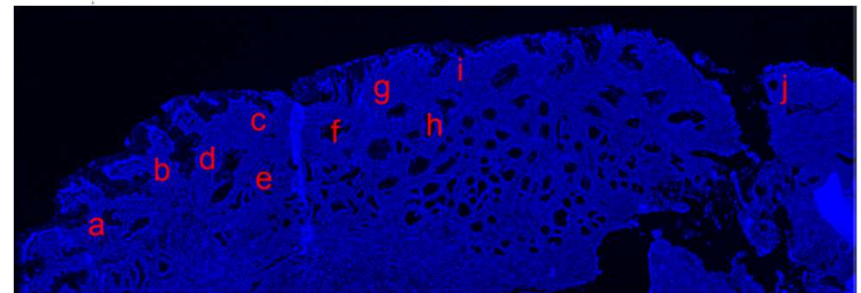
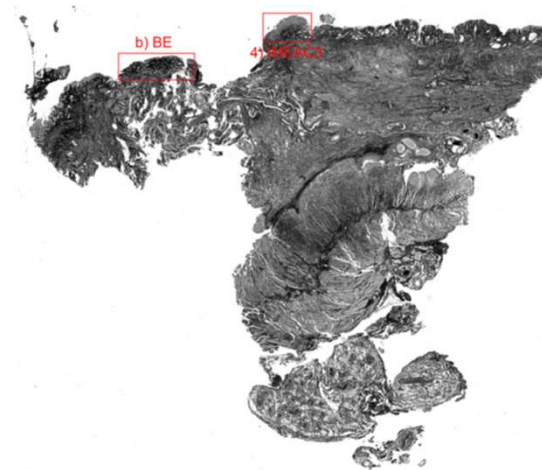
ERBB2 CEN17



FISH: no amplification

## b) BE

CEN11, 22/cells counts

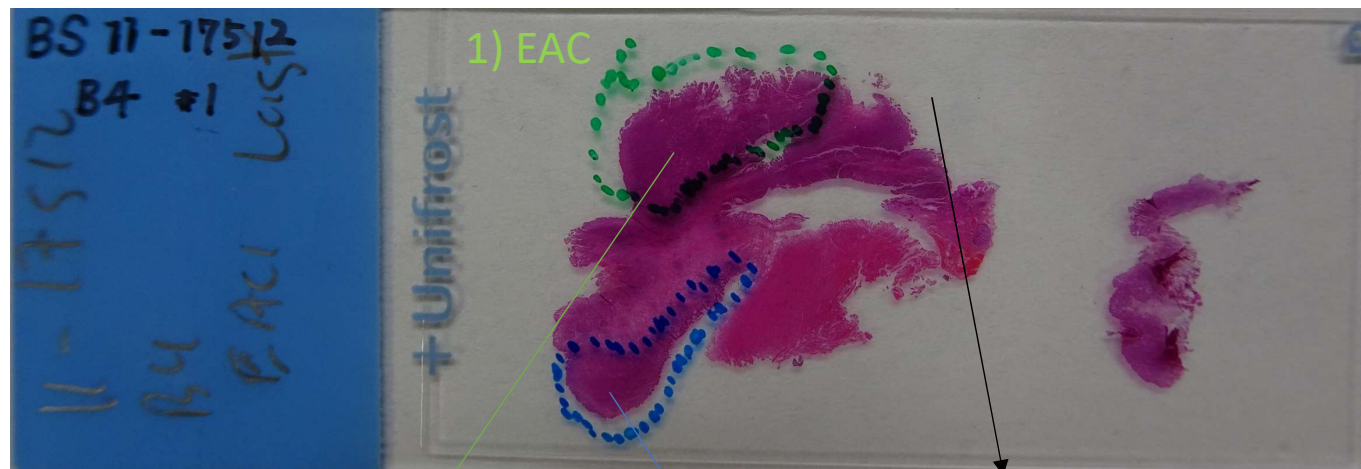


Please see the Excel file

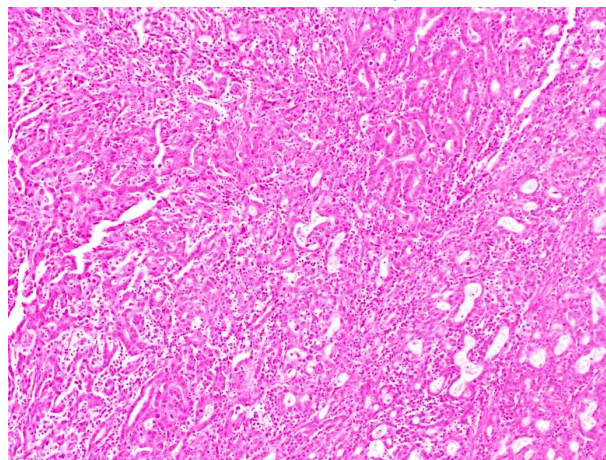


Patient 10\_11

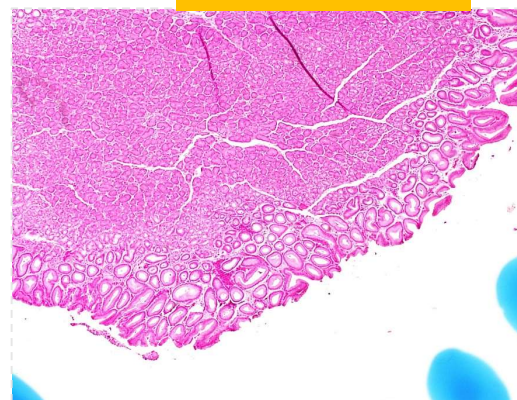
BS11-17512\_B4\_HE



5) EAC1  
ERBB2/CEN17  
CEN3,11q,22/cells counts



c) NGM, Normal gastric mucosa  
ERBB2/CEN17

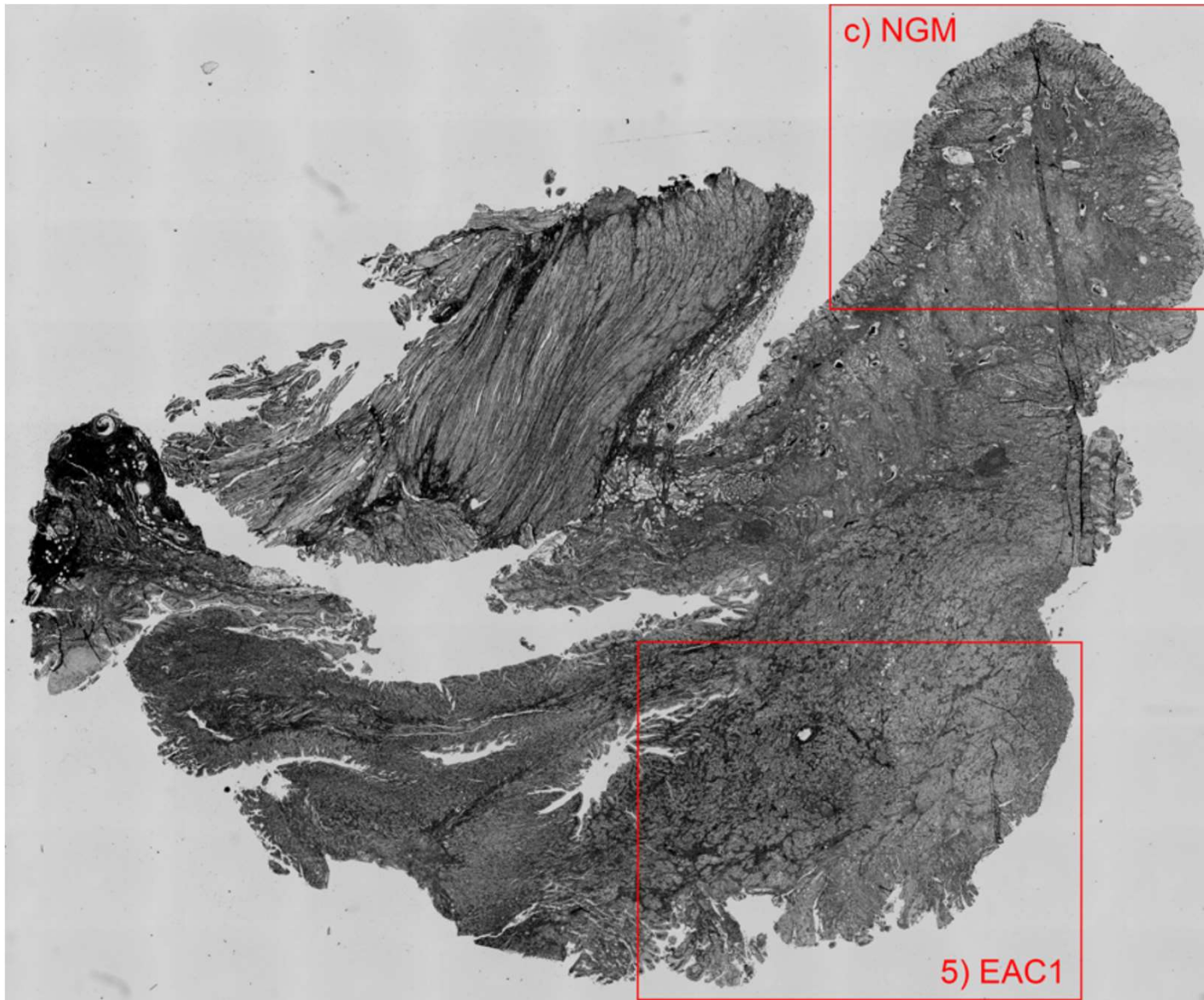




## NGS results

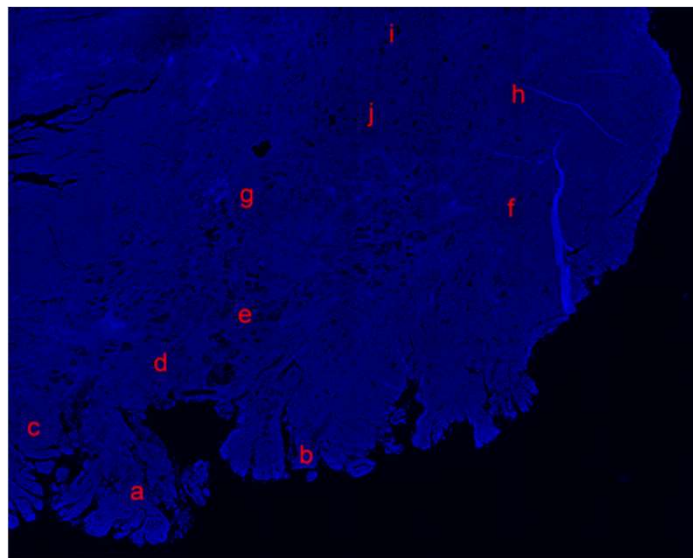
5)	10_11	EAC	10_11_EAC1	BS11-17512 B4	GATA4	GATA6
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## FISH mapping



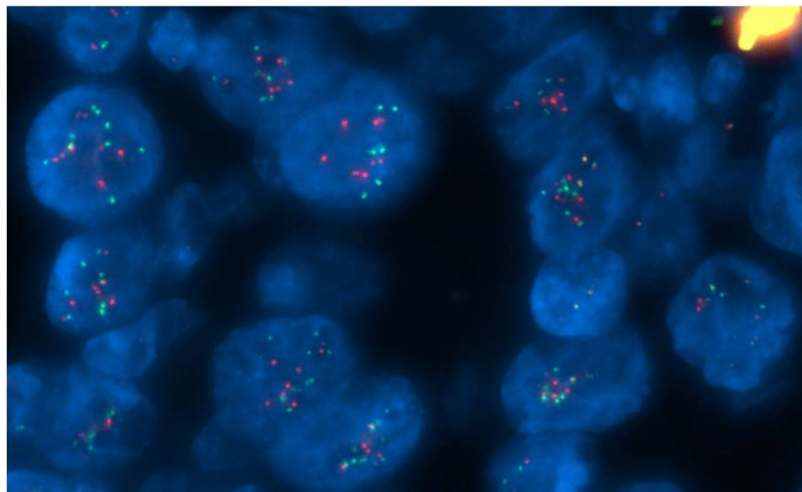
# FISH results

**ERBB2/CEN17**



Representative FISH image, f

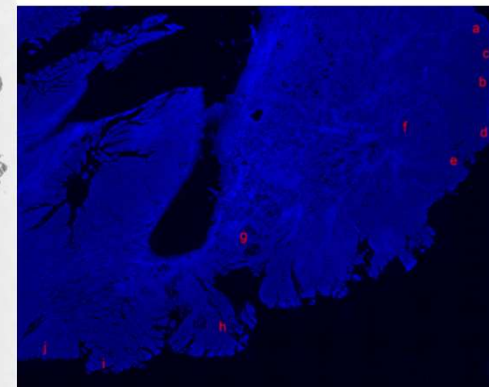
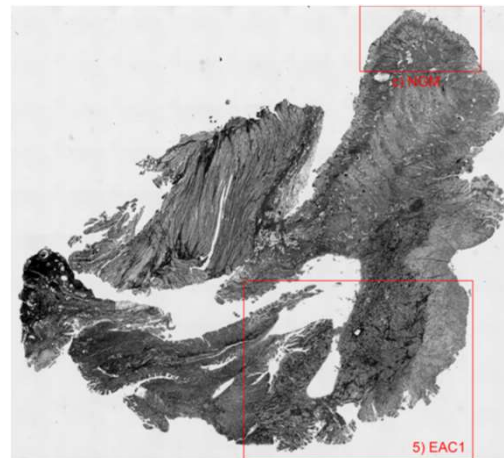
**ERBB2 CEN17**



FISH: no amplification  
(consistent with NGS results)

# 5) EAC1

**CEN3,11q,22/cells counts**

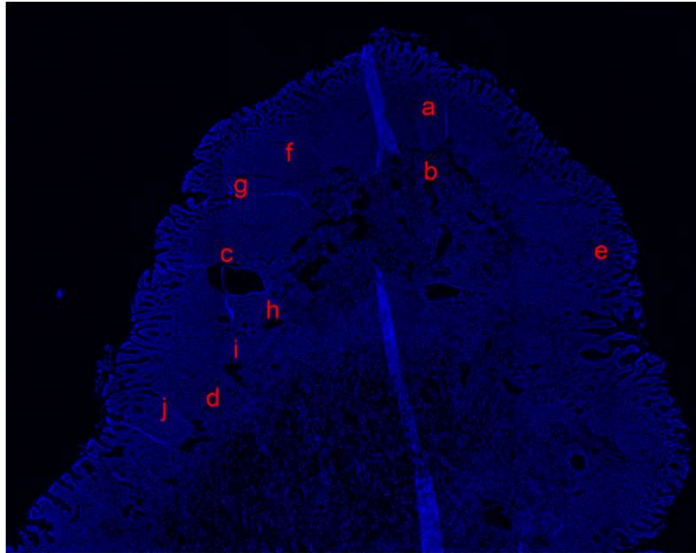


Please see the Excel file

FISH results

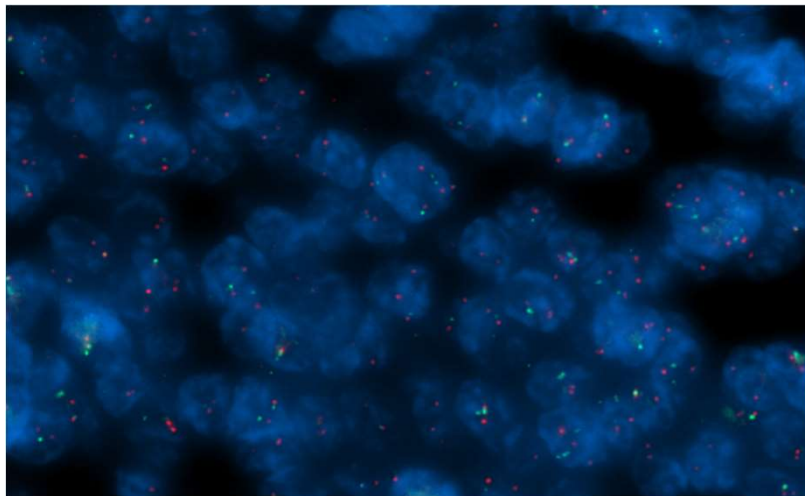
c) NGM, Normal gastric mucosa

ERBB2/CEN17



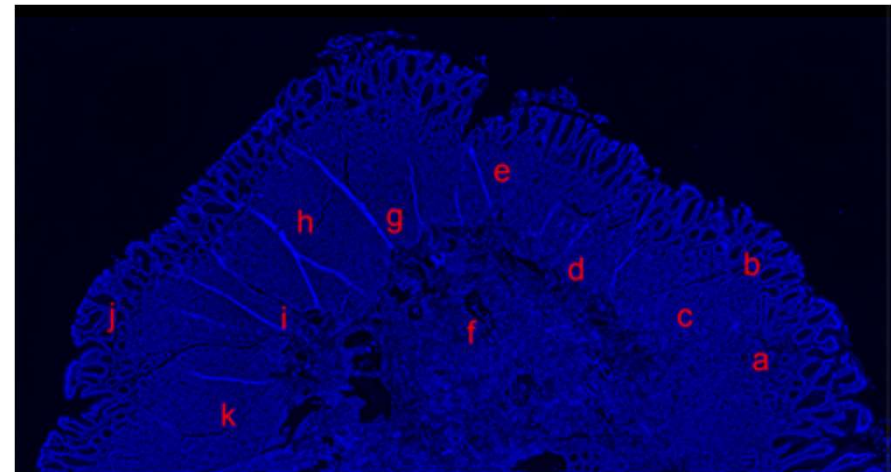
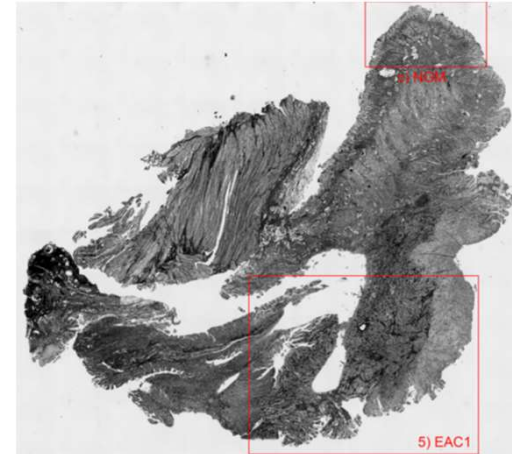
Representative FISH image, i

ERBB2 CEN17



FISH: no amplification

CEN3,11q,22/cells counts



Please see the Excel file



Patient 12\_14

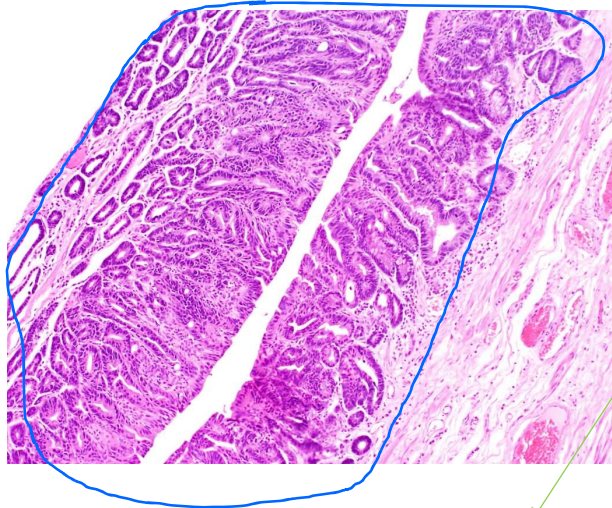
Patient 12\_14

BS14-23436\_A8\_HE



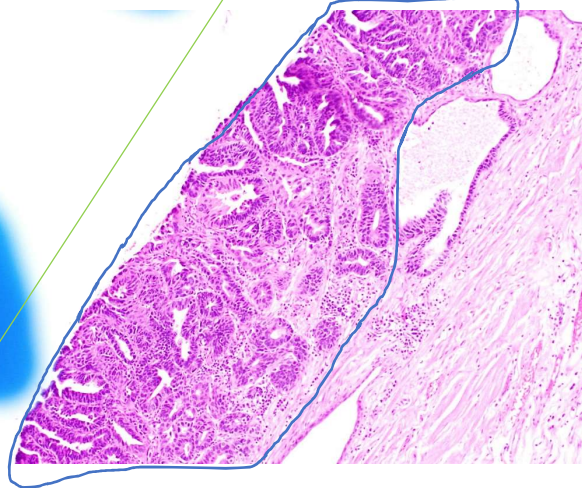
6)HGD1

EGFR/CEN7  
ERBB2/CEN17



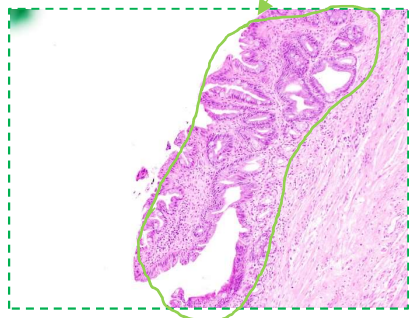
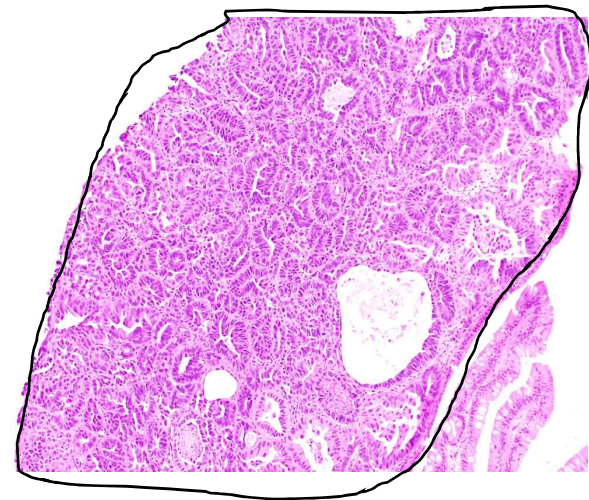
7)HGD2

EGFR/CEN7  
ERBB2/CEN17  
CEN8,10/cells counts



8)IMEAC1

EGFR/CEN7  
ERBB2/CEN17  
CEN3,8/cells counts

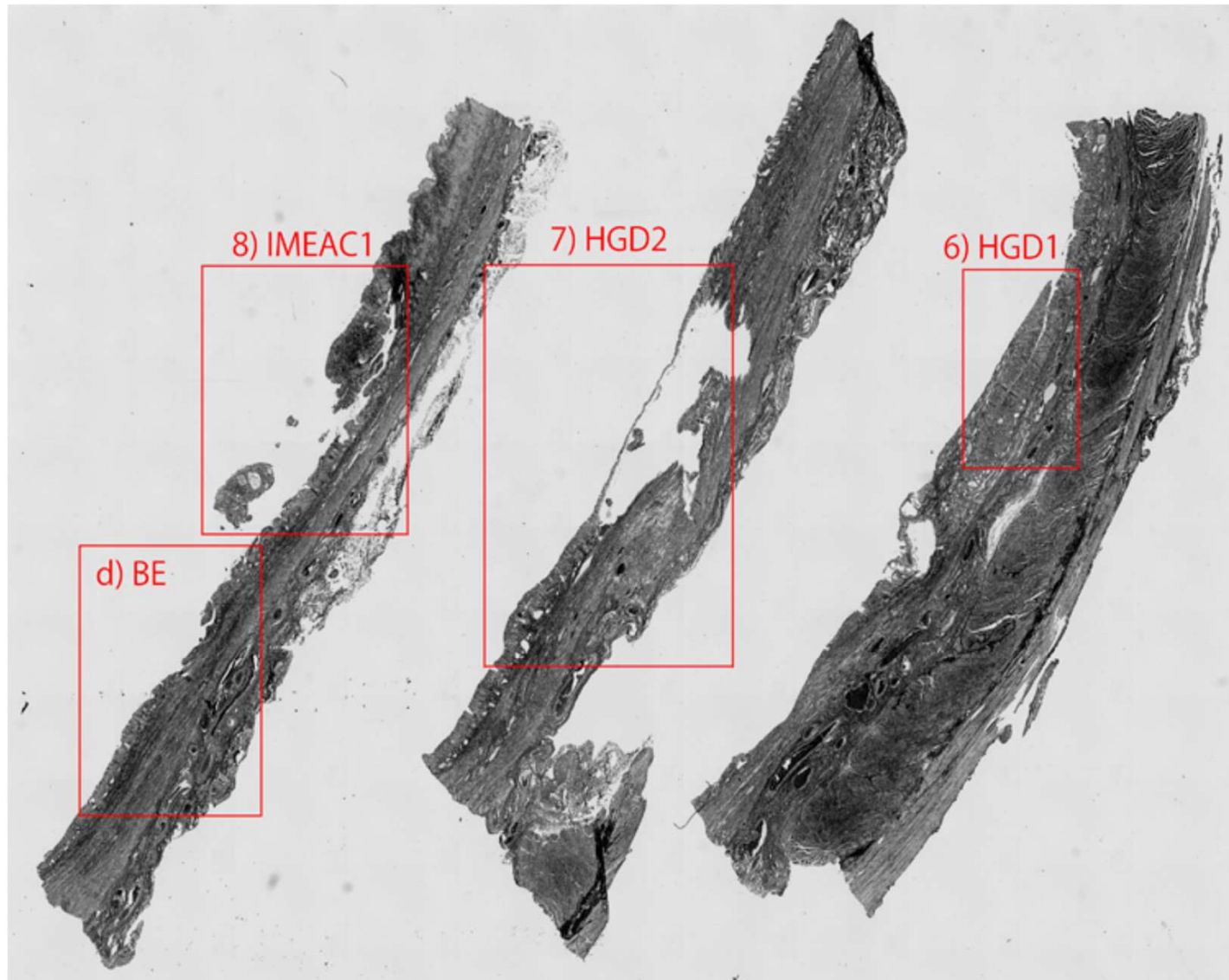


d) BE  
EGFR/CEN7  
ERBB2/CEN17  
CEN/cells counts

## NGS results

6)	12_14	HGD	12_14_HGD1	<b>BS14-23436 A8</b>	EGFR LOW	EGFR LOW
7)	12_14	HGD	12_14_HGD2	<b>BS14-23436 A8</b>	EGFR	EGFR
8)	12_14	IMEAC	12_14_IMEAC1	<b>BS14-23436 A8</b>	EGFR	EGFR

## FISH mapping



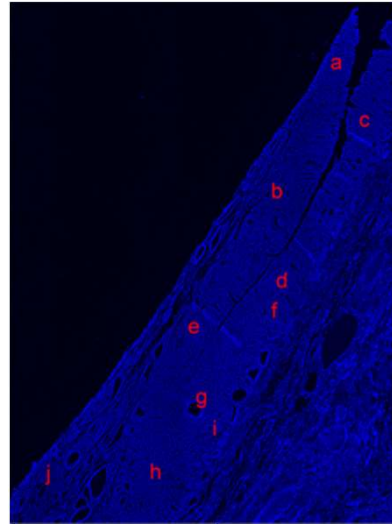


FISH results

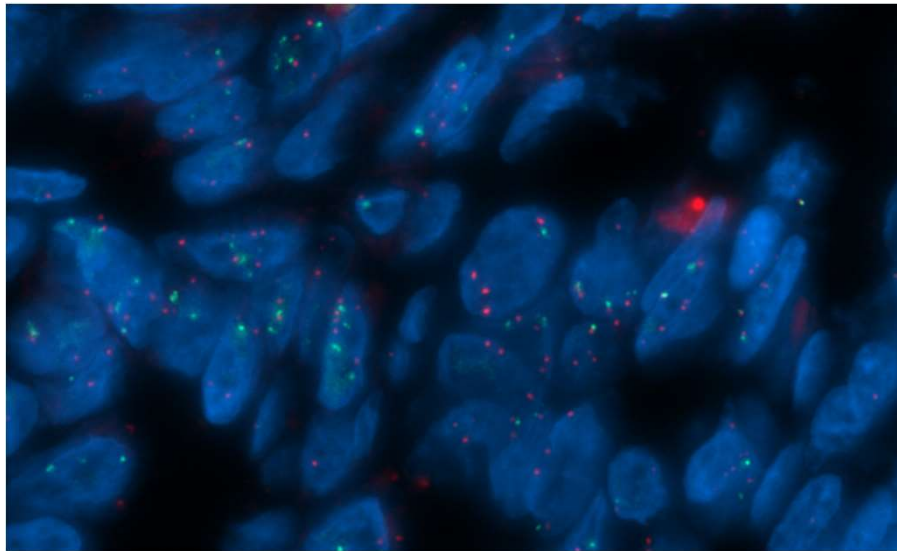
6)HGD1

*EGFR/CEN7*

*ERBB2/CEN17*

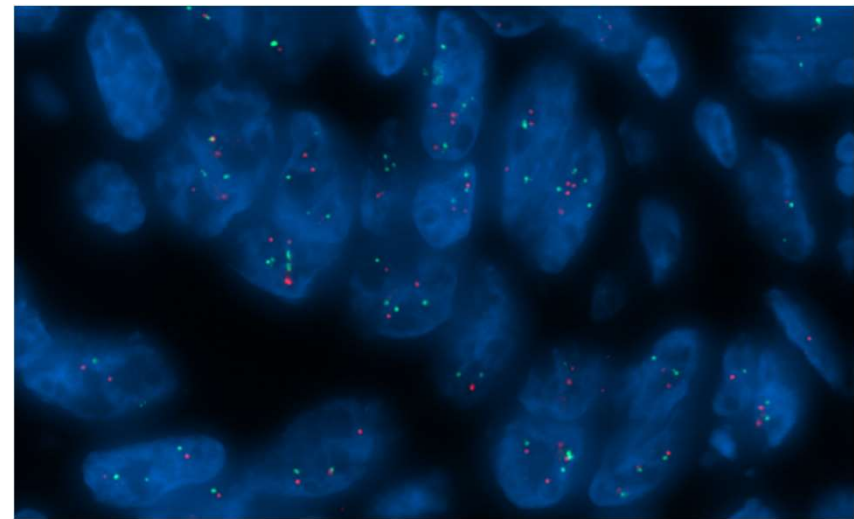


Representative FISH image, a  
*EGFR* *CEN7*



FISH: very low amplification  
(consistent with NGS results)

Representative FISH image, a  
*ERBB2* *CEN17*

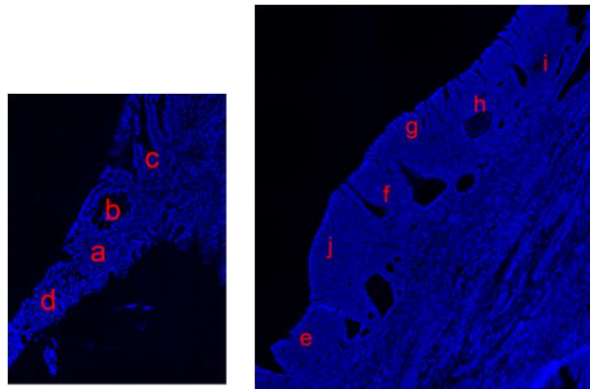


FISH: no amplification  
(consistent with NGS results)

FISH results

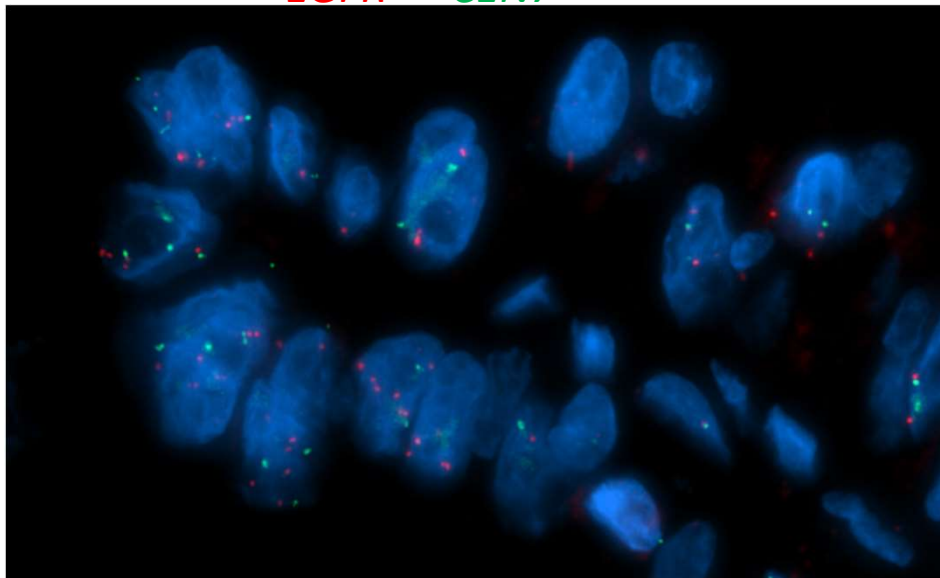
7)HGD2

EGFR/CEN7



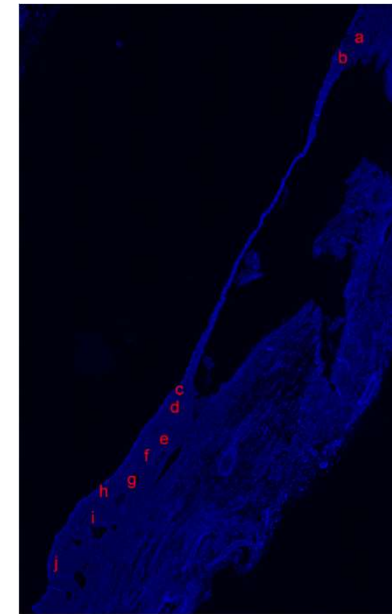
Representative FISH image, b

EGFR CEN7



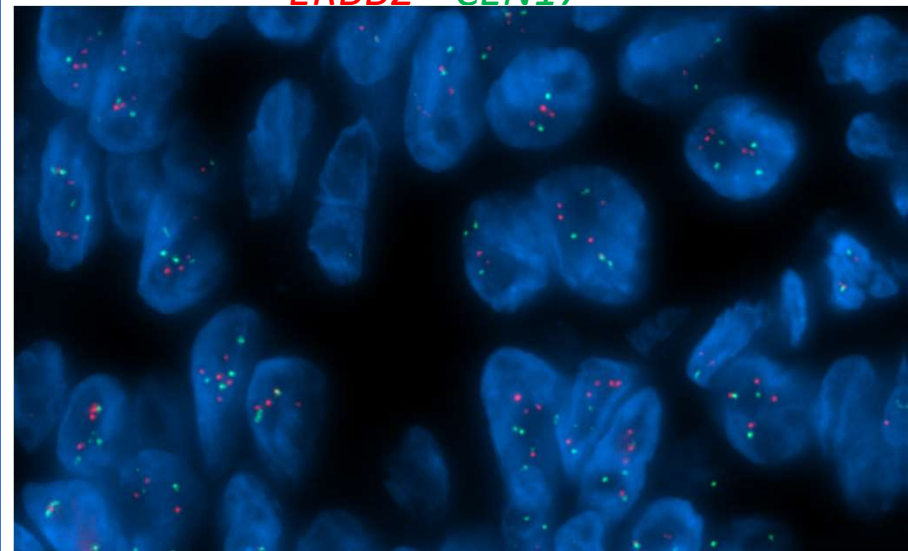
FISH: very low amplification  
(consistent with NGS results)

ERBB2/CEN17



Representative FISH image, d

ERBB2 CEN17

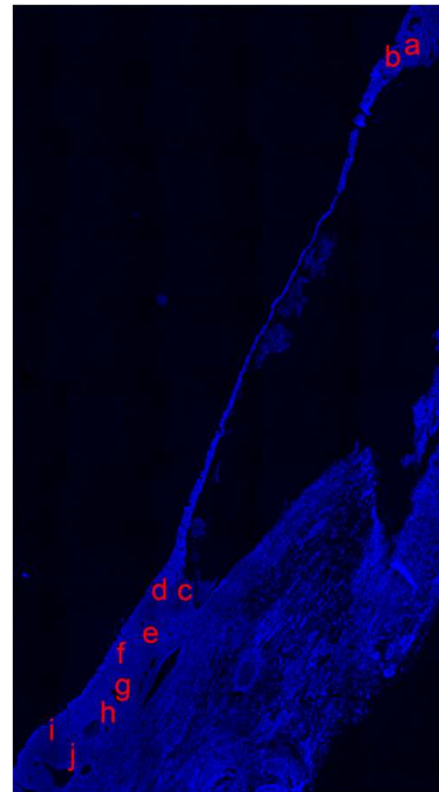
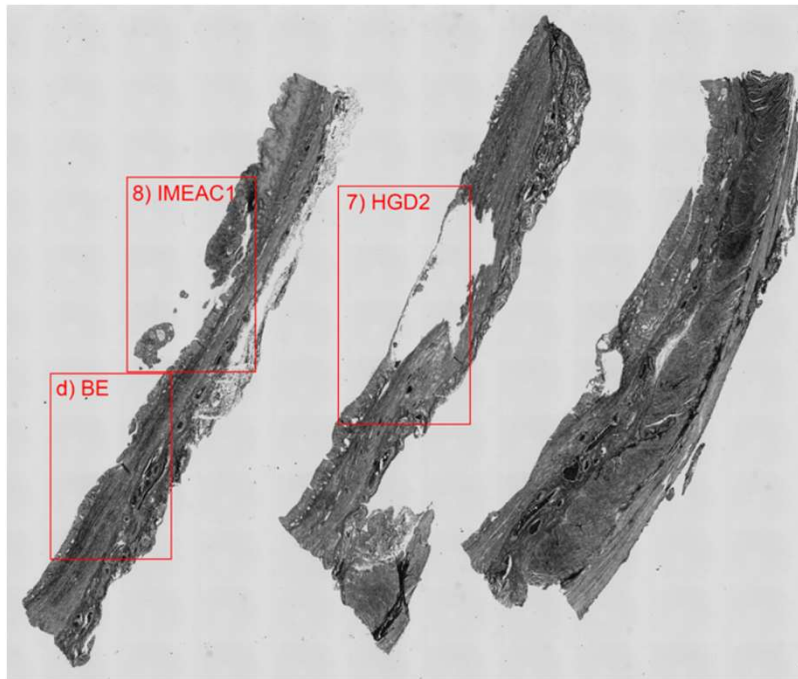


FISH: no amplification  
(consistent with NGS results)

FISH results

7)HGD2

CEN8,10/cells counts



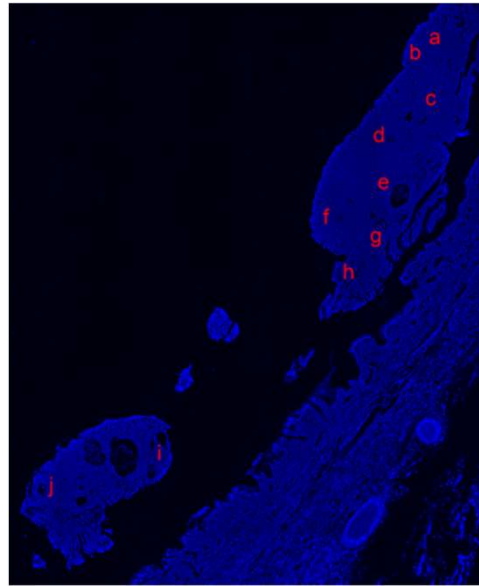
Please see the Excel file



FISH results

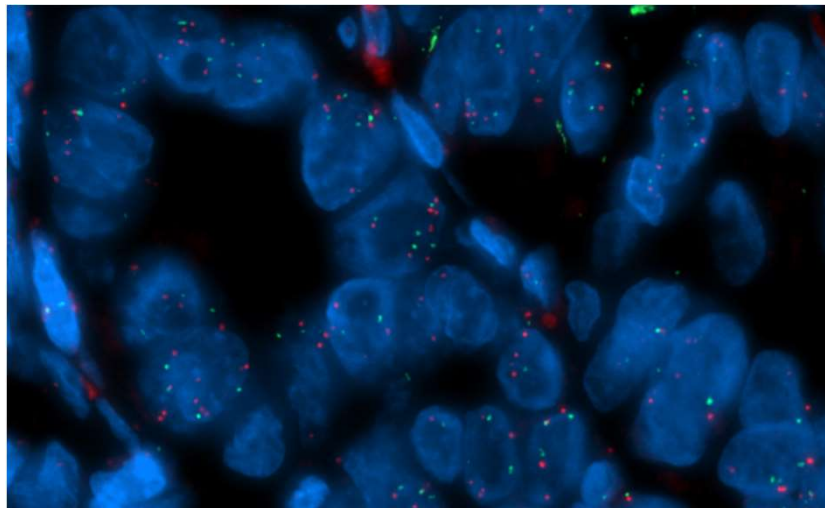
8)IMEAC1

*EGFR/CEN7*



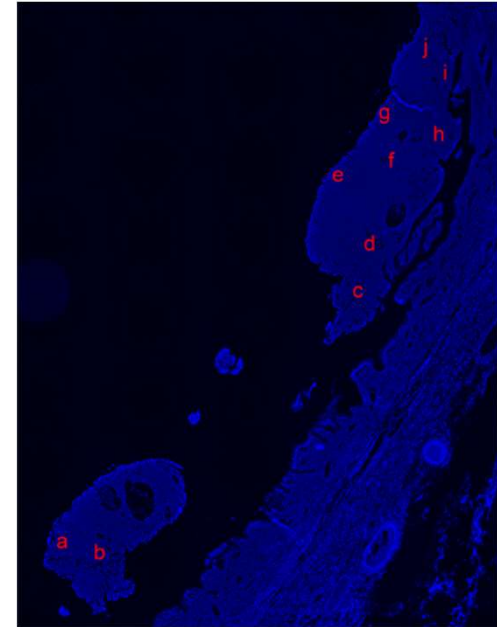
Representative FISH image, b

*EGFR* *CEN7*



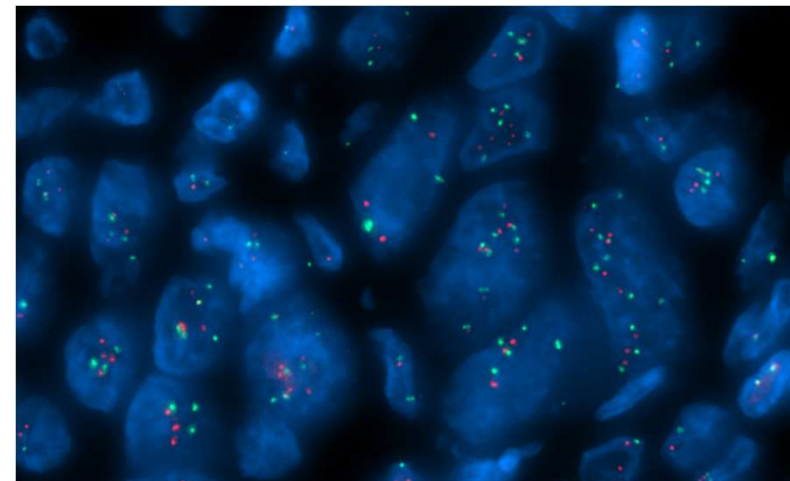
FISH: very low amplification  
(consistent with NGS results)

*ERBB2/CEN17*



Representative FISH image, c

*ERBB2* *CEN17*

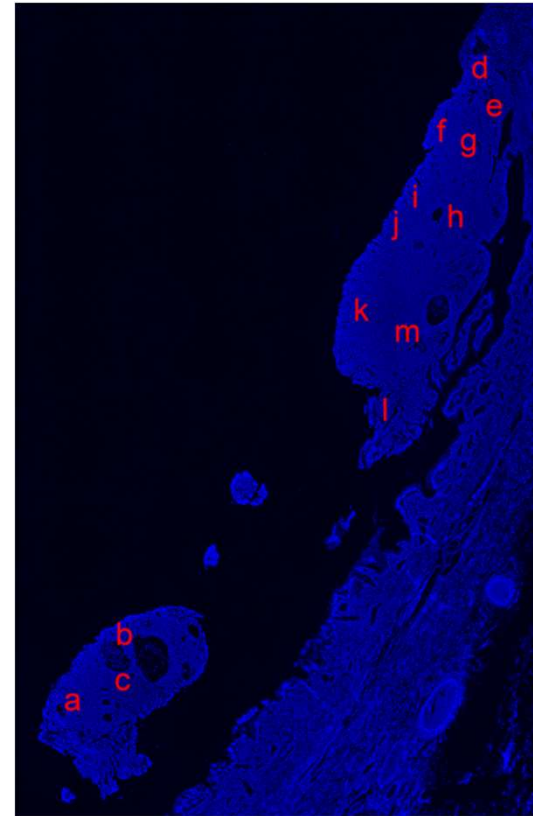
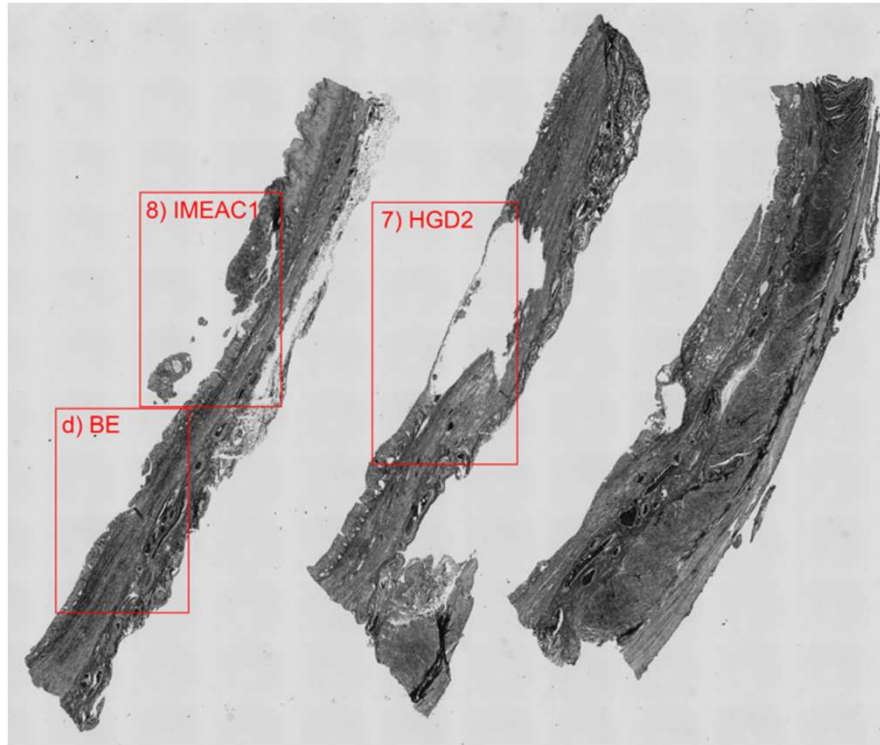


FISH: no amplification  
(consistent with NGS results)

# FISH results

## 8)IMEAC1

CEN3,8/cells counts

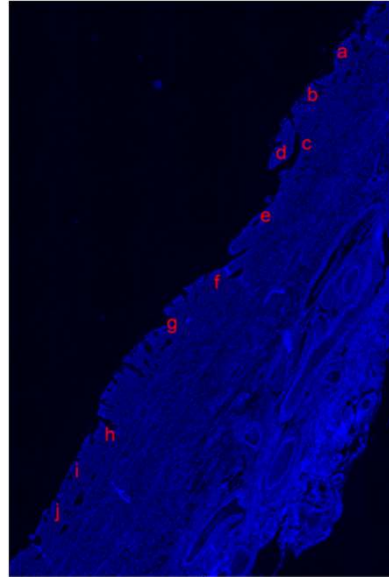


Please see the Excel file

FISH results

d) BE

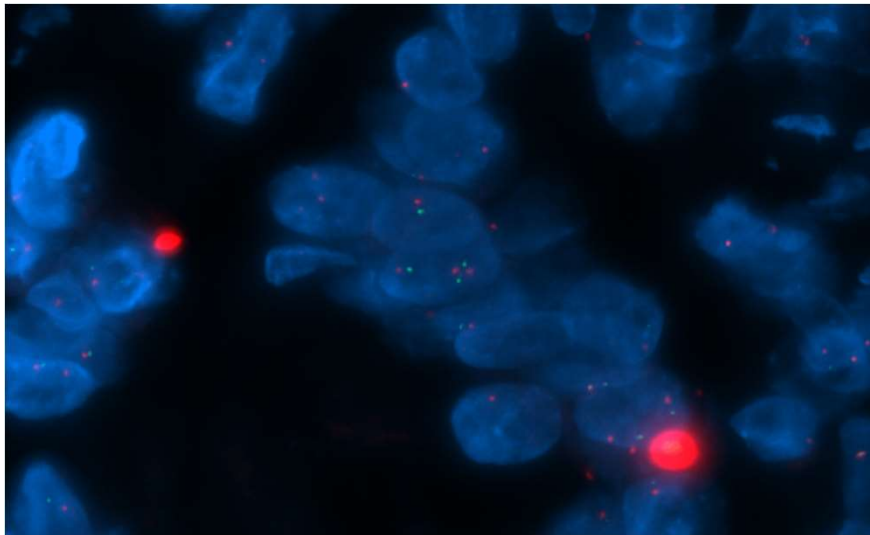
*EGFR/CEN7*



*ERBB2/CEN17*

Representative FISH image, b

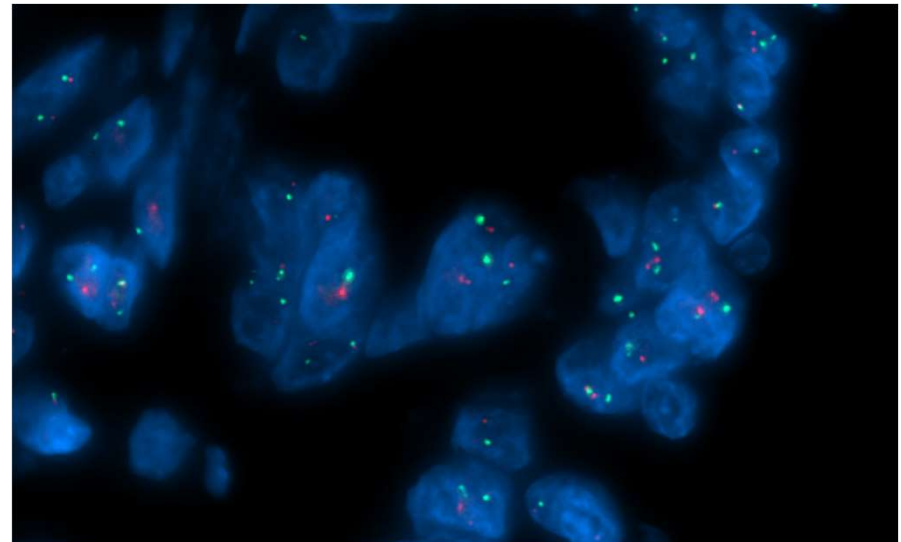
*EGFR* *CEN7*



FISH: no amplification

Representative FISH image, d

*ERBB2* *CEN17*



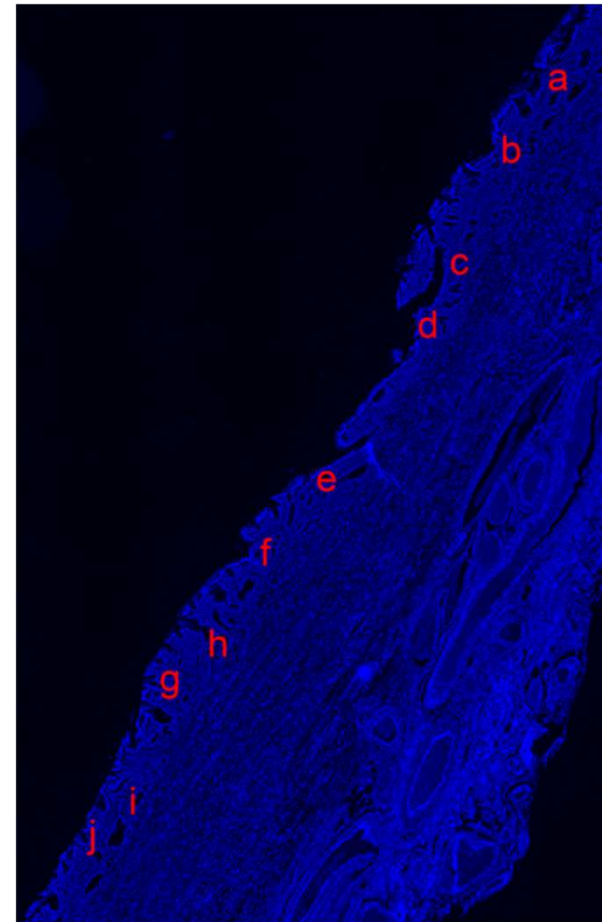
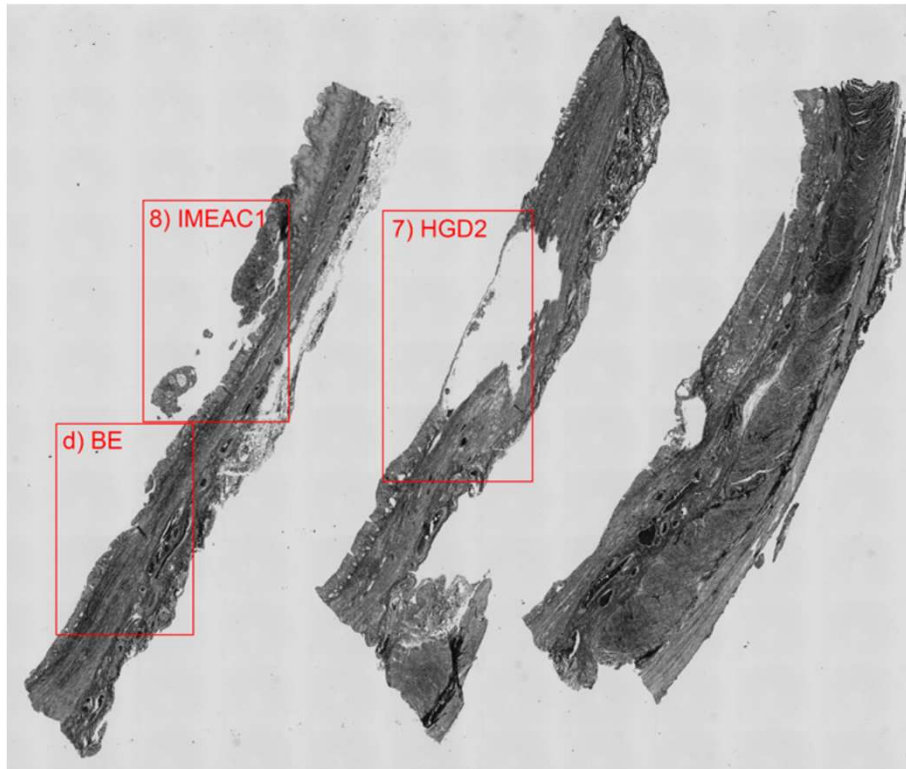
FISH: no amplification



# FISH results

d) BE

CEN/cells counts



Please see the Excel file

Patient 13\_14

Patient 13\_14

BS-14-3841\_A3\_HE

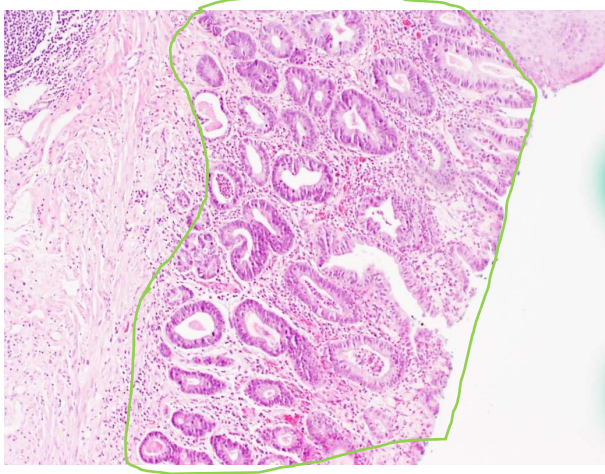


9) HGD1

MYC/CEN8

ERBB2/CEN17

CEN3,13/cells counts

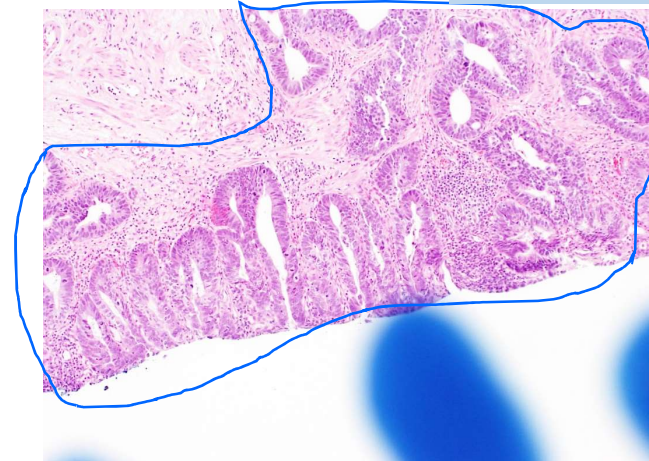


10) IMEAC1

MYC/CEN8

ERBB2/CEN17

CEN10,13/cells counts

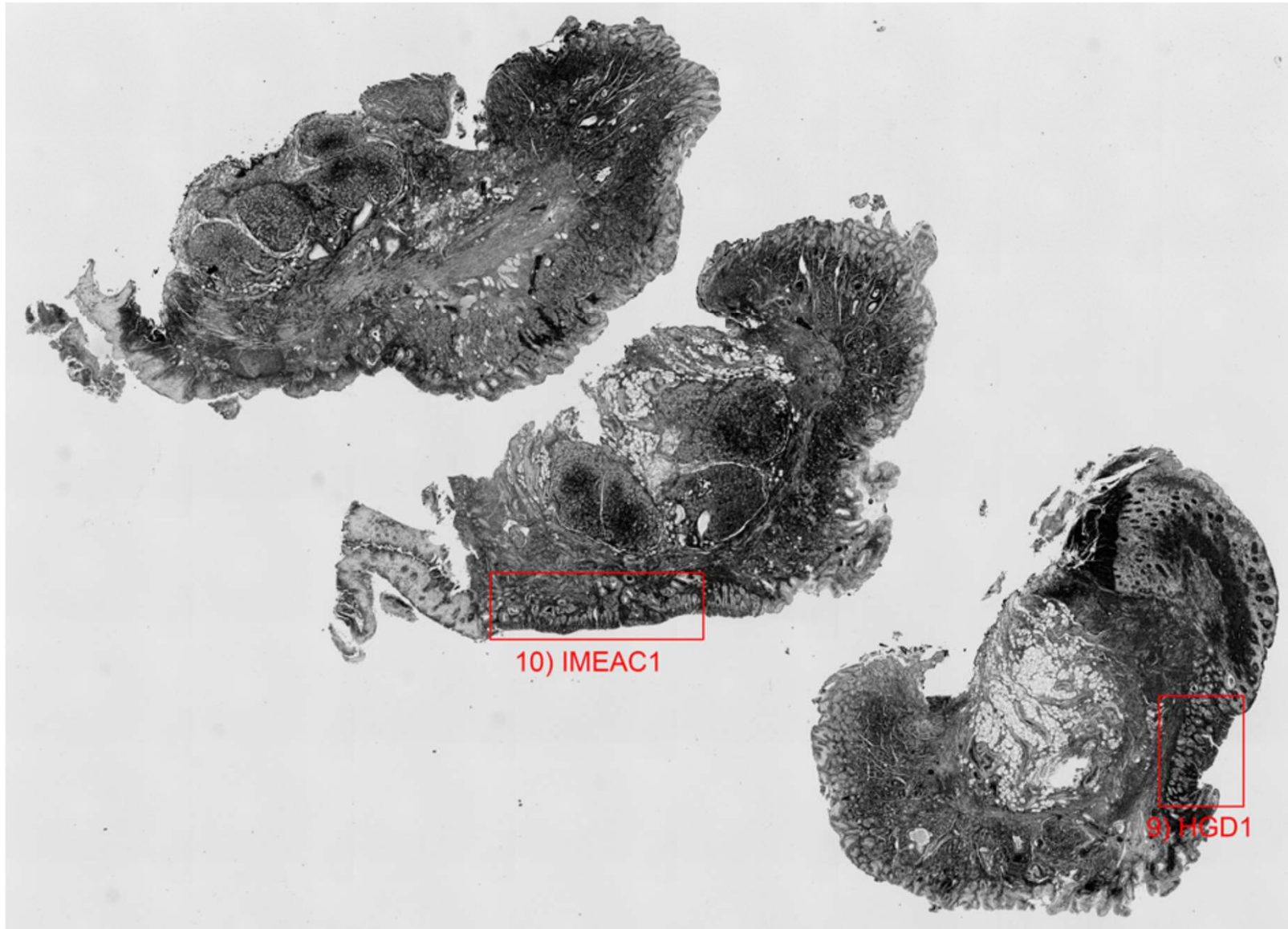




## NGS results

9)	13_14	HGD	13_14_HGD1	<b>BS-14-3841 A3</b>	
10)	13_14	IMEAC	13_14_IMEAC1	<b>BS-14-3841 A3</b>	MYC

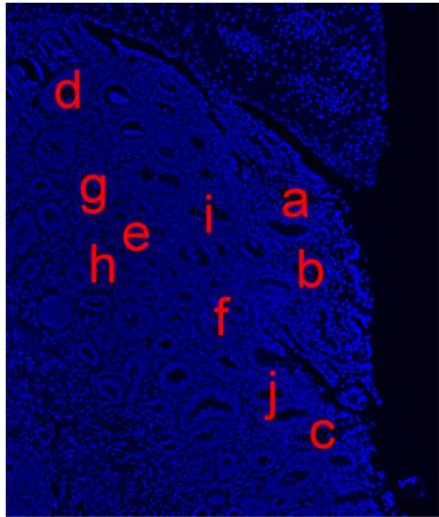
## FISH mappings



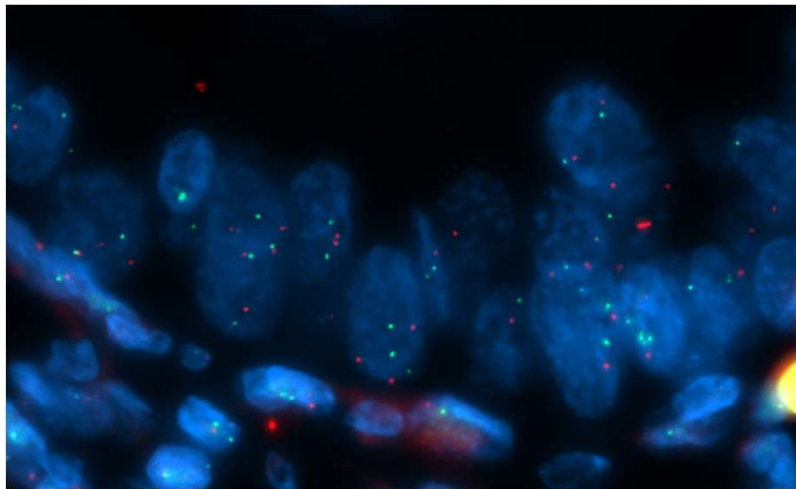
# FISH results

## 9) HGD1

MYC/CEN8

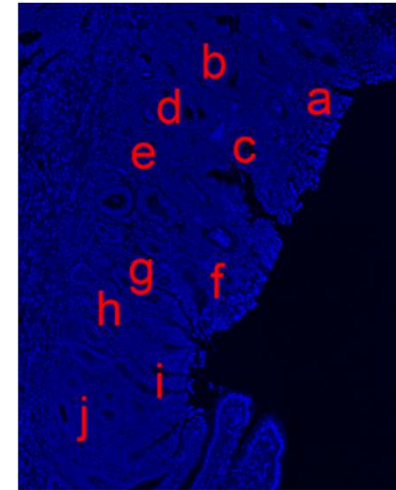


Representative FISH image, e  
*MYC* *CEN8*

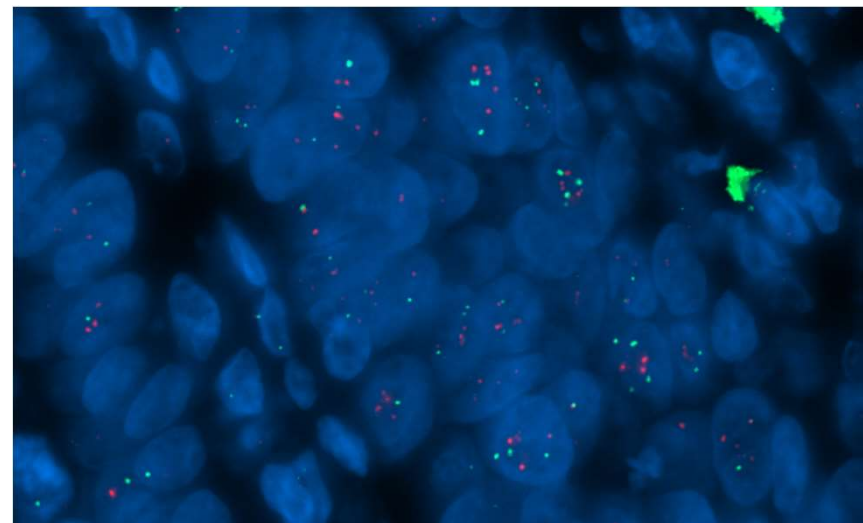


FISH: no amplification  
(consistent with NGS results)

ERBB2/CEN17



Representative FISH image, j  
*ERBB2* *CEN17*

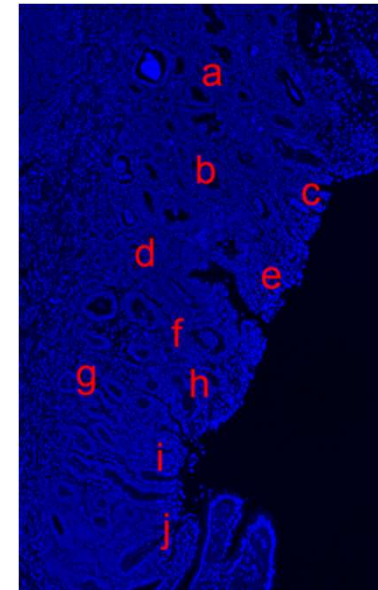
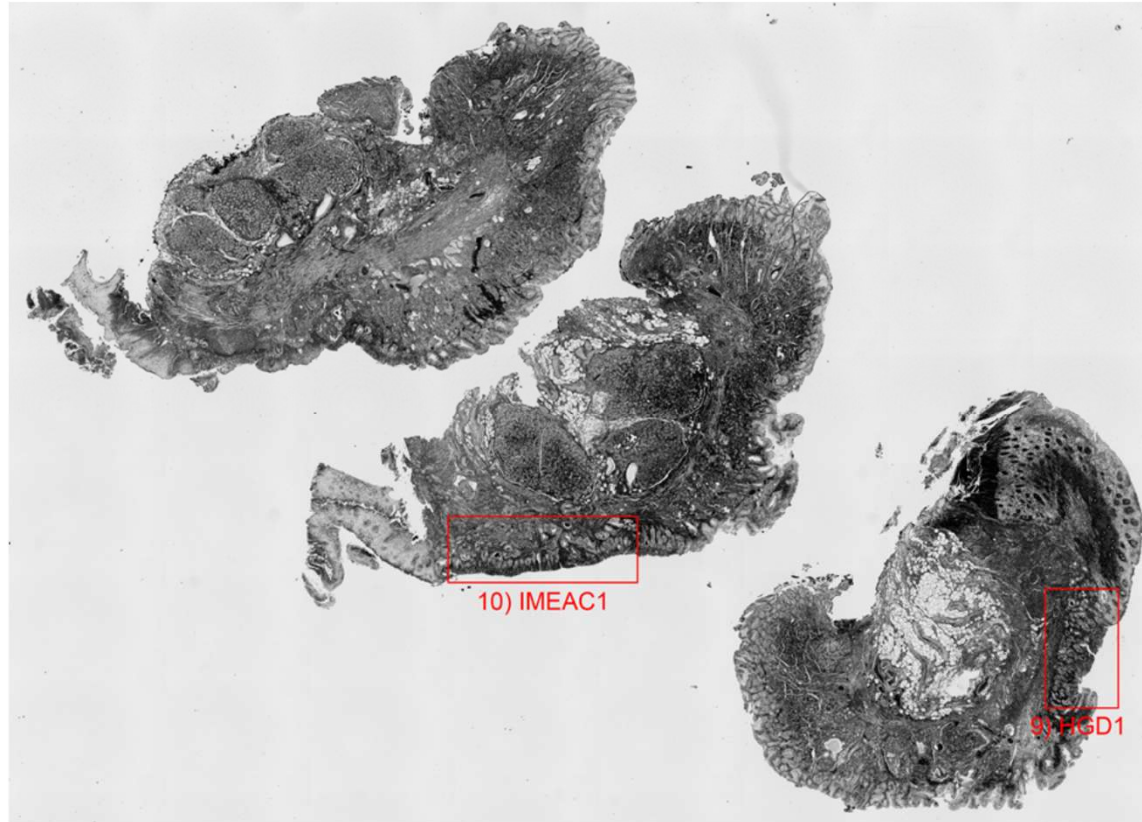


FISH: no amplification  
(consistent with NGS results)

FISH results

9) HGD1

CEN3,13/cells counts



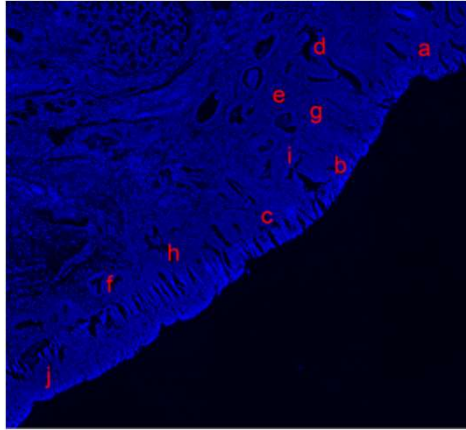
Please see the Excel file



FISH results

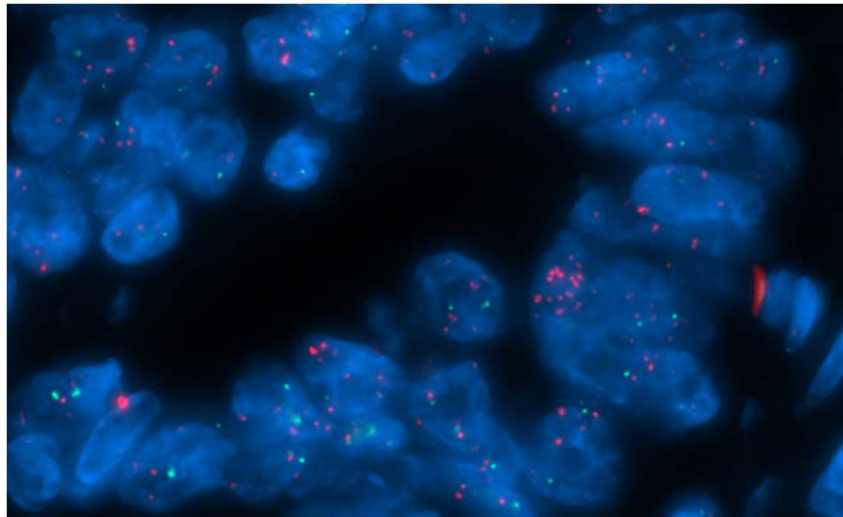
10) IMEAC1

MYC/CEN8



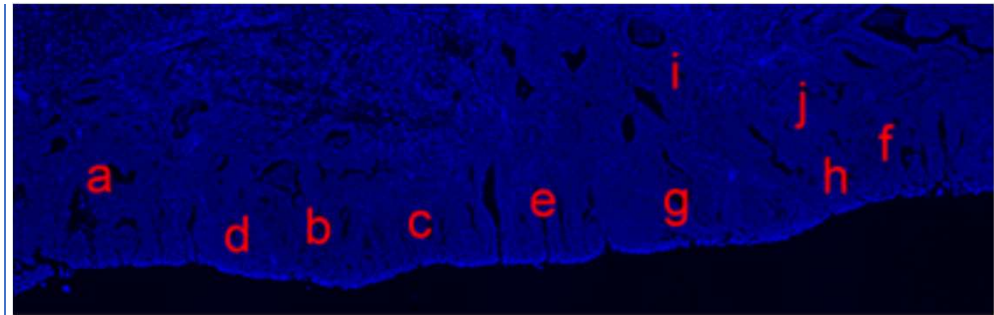
Representative FISH image, e

MYC CEN8



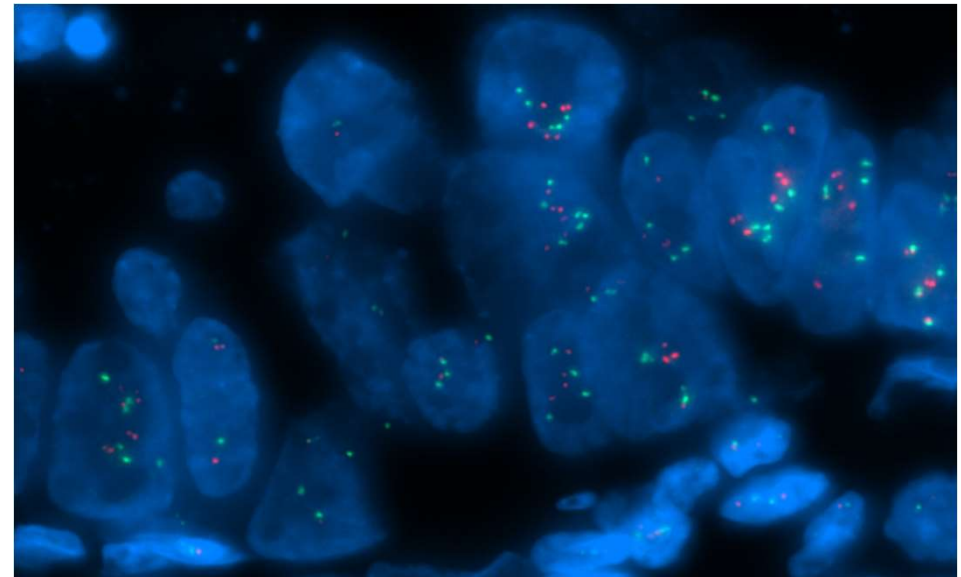
FISH: low amplification  
(consistent with NGS results)

ERBB2/CEN17



Representative FISH image, a

ERBB2 CEN17

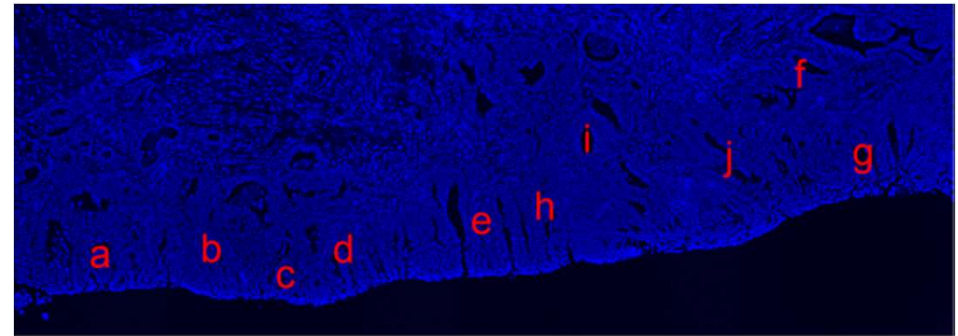
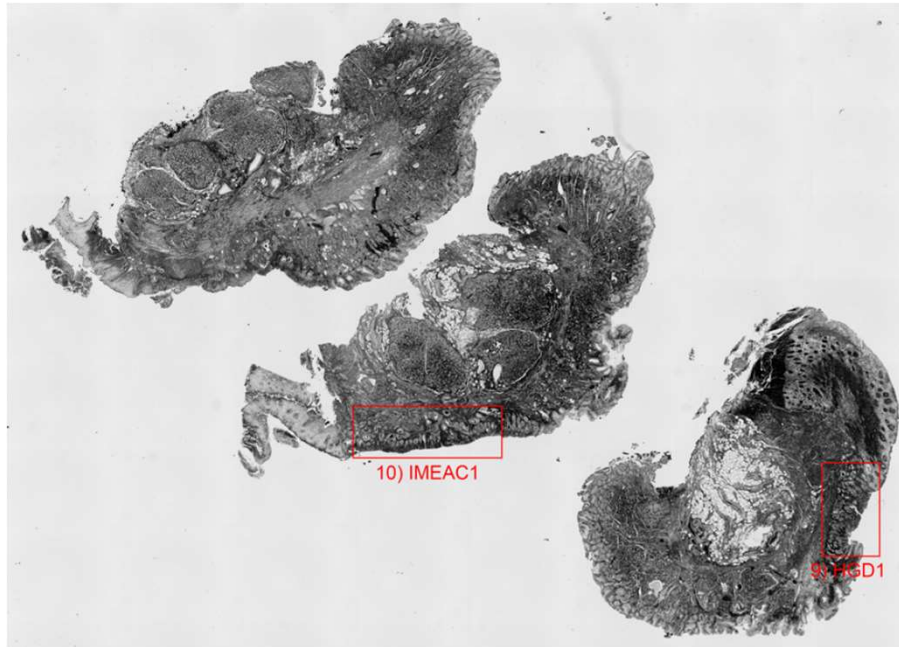


FISH: no amplification  
(consistent with NGS results)

# FISH results

## 10) IMEAC1

CEN10,13/cells counts



Please see the Excel file

Patient 8\_10\_



Patient 8\_10\_

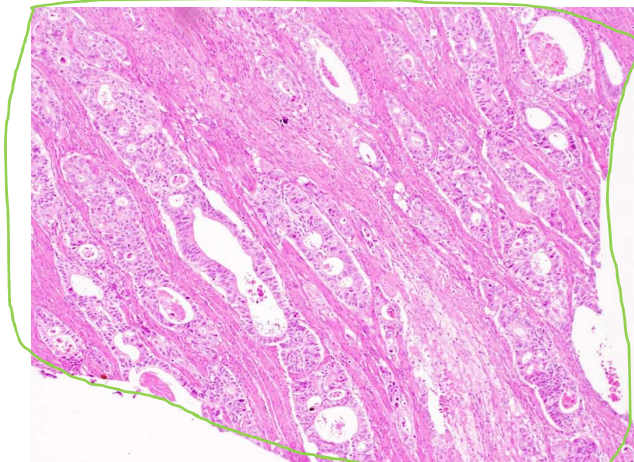
P10-20461\_6D\_HE



11) EAC2

ERBB2/CEN17

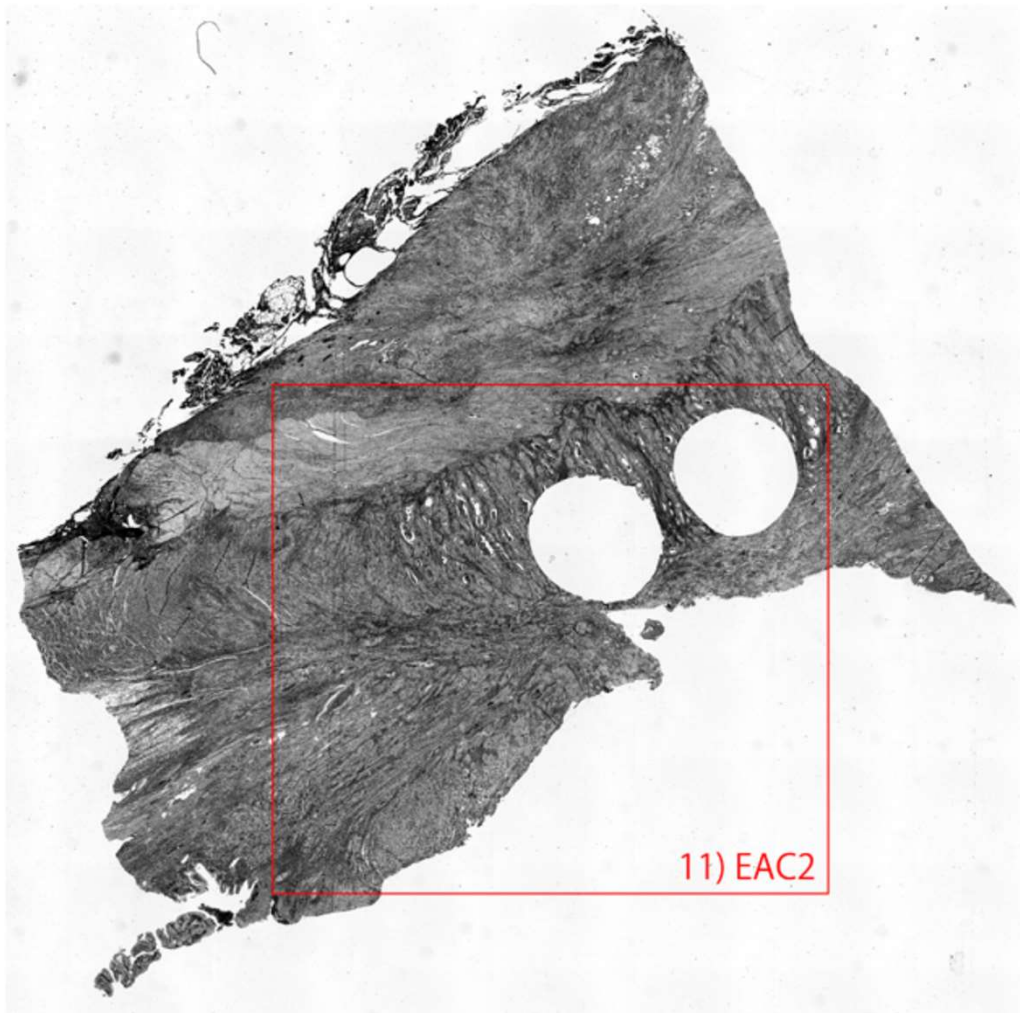
CEN12,13/cells counts



## NGS results

11)	8_10_	EAC	8_10_EAC2	<b>P10-20461 6D</b>		
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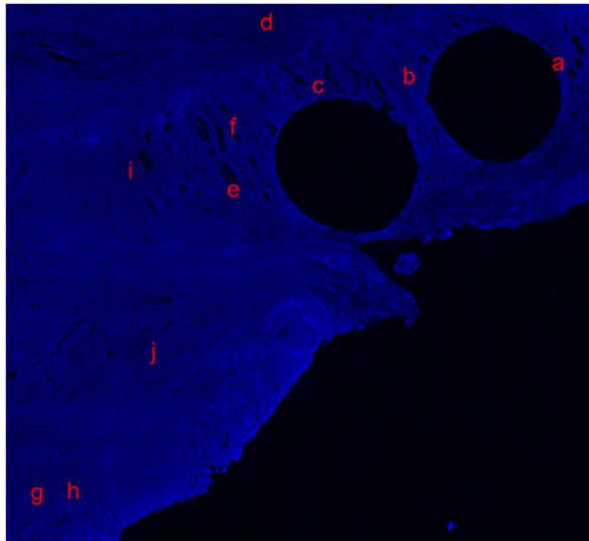
## FISH mapping



FISH results

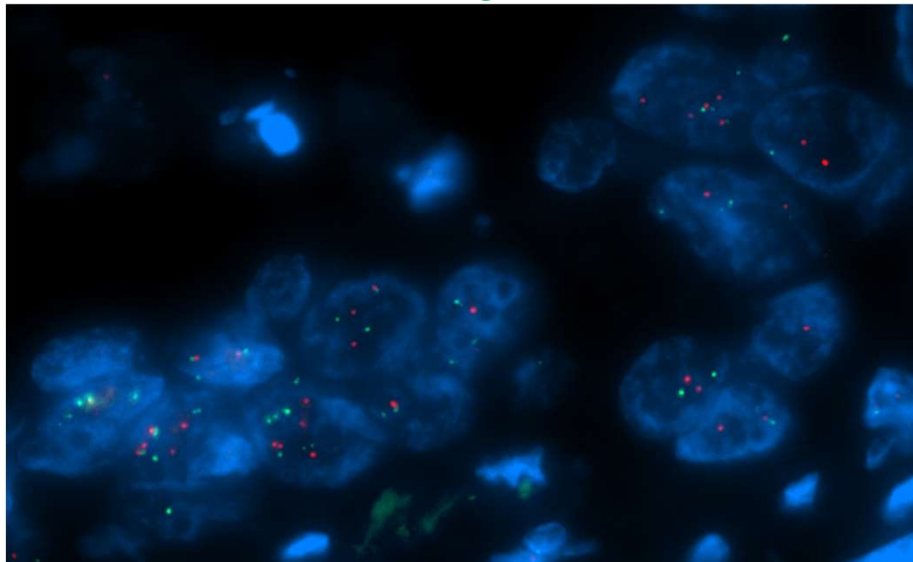
11) EAC2

ERBB2/CEN17



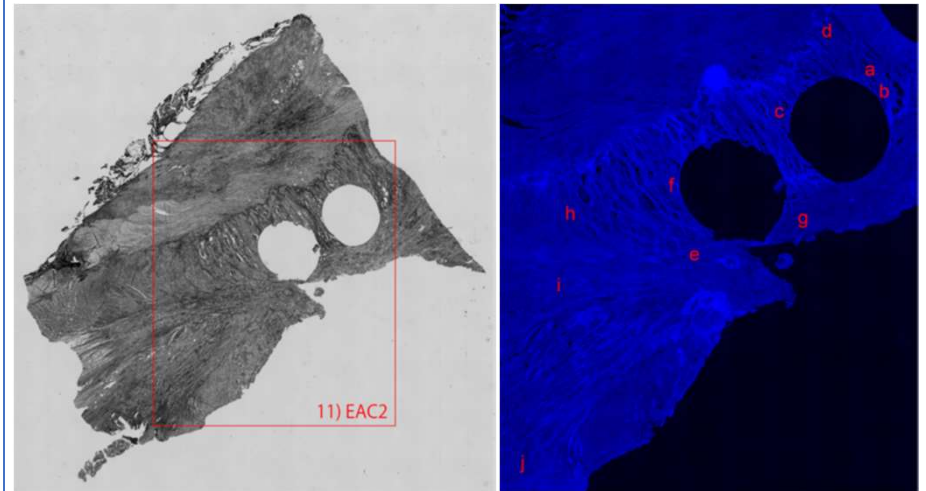
Representative FISH image, d

ERBB2 CEN17



FISH: no amplification  
(consistent with NGS results)

CEN12,13/cells counts



Please see the Excel file



Patient 8\_10\_

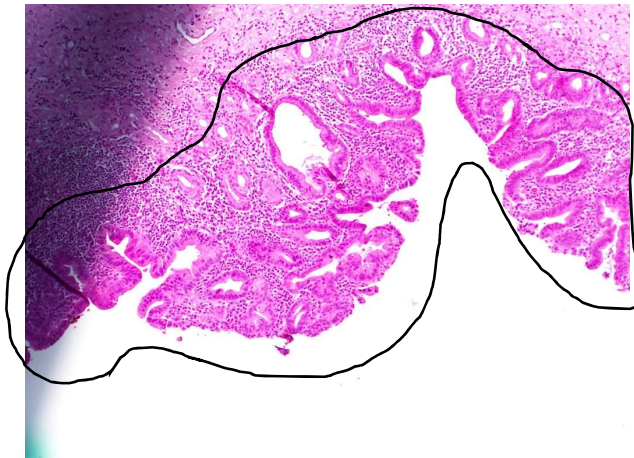
P10-20461\_6H\_HE



12)HGD3

ERBB2/CEN17

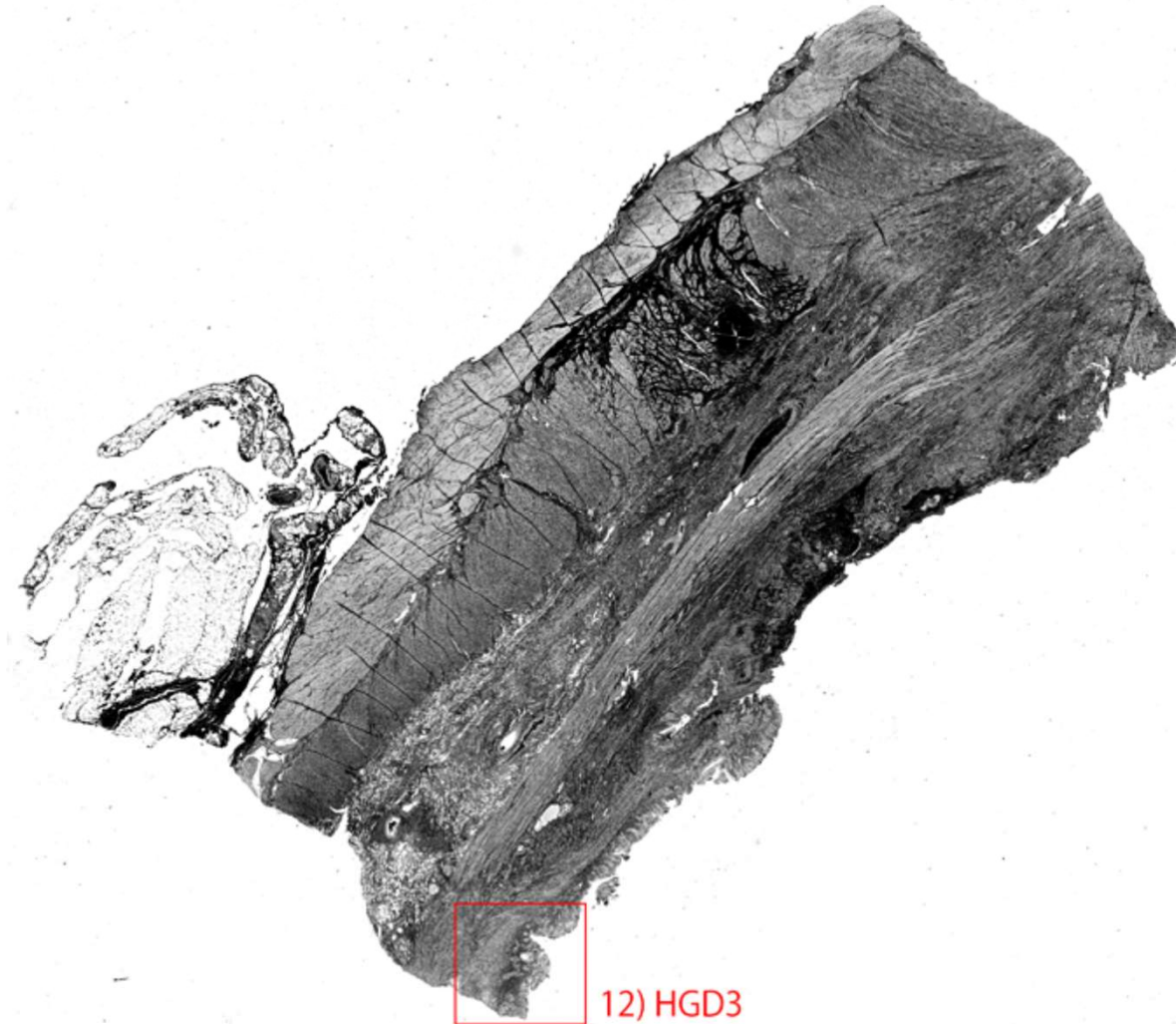
CEN3,5,12/cells counts



## NGS results

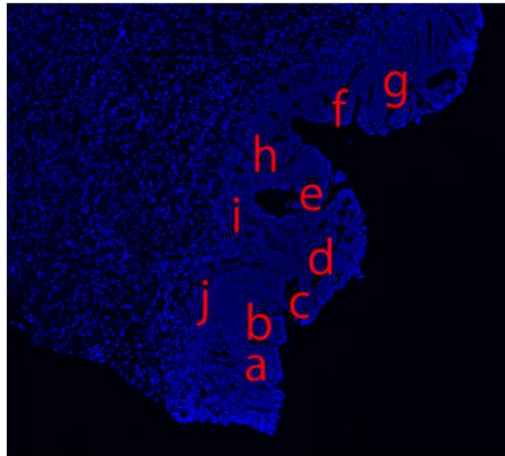
12)	8_10_	HGD	8_10_HGD3	P10-20461 6H	
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## FISH mapping



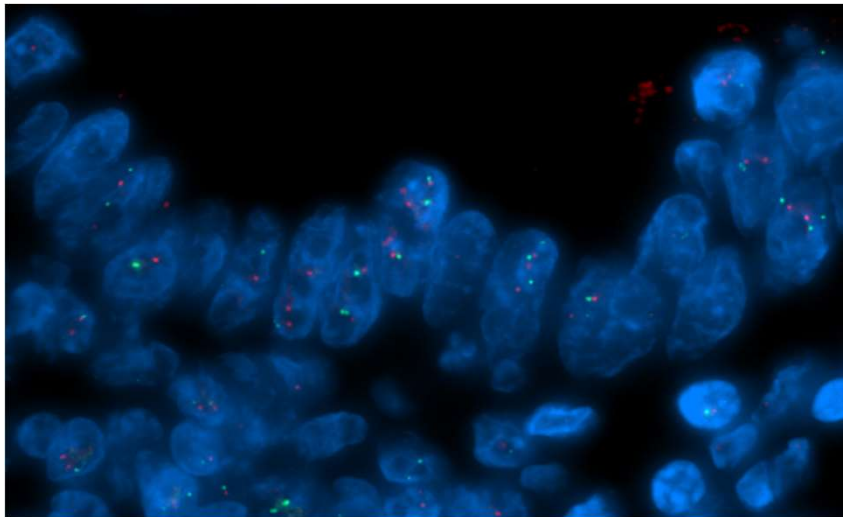
# FISH results

**ERBB2/CEN17**



Representative FISH image, a

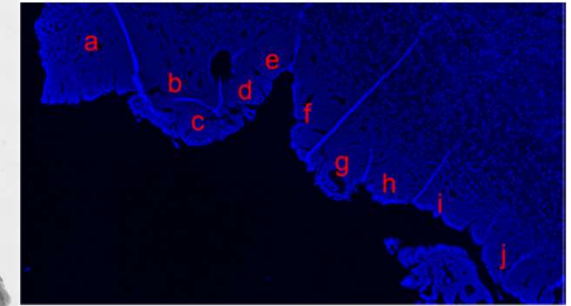
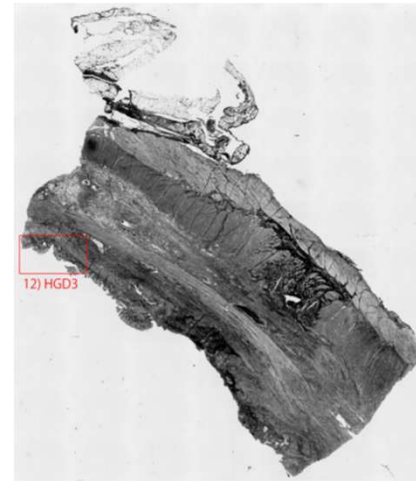
**ERBB2 CEN17**



FISH: no amplification  
(consistent with NGS results)

# 12)HGD3

**CEN3,5,12/cells counts**



Please see the Excel file



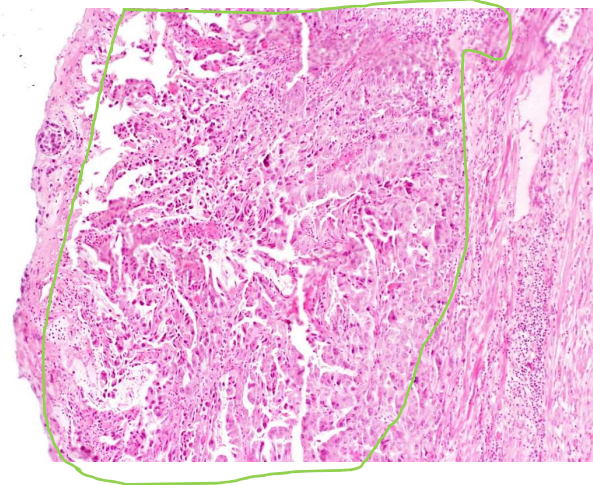
Patient 9\_11\_

Patient 9\_11\_

P10-31550\_2C\_HE



13) EAC1



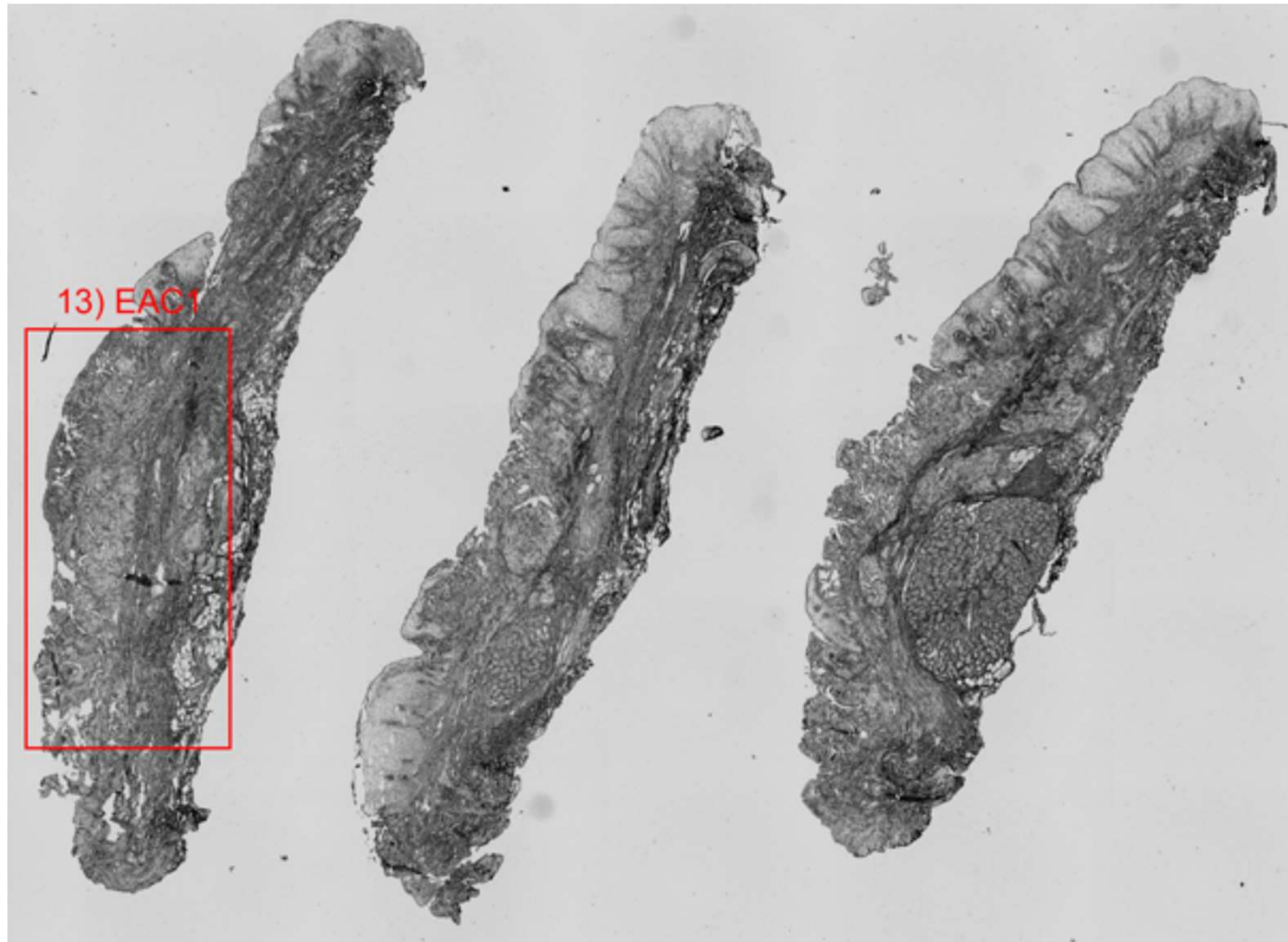
ERBB2/CEN17

CEN3,11,13/cells counts

## NGS results

13)	9_11_	EAC	9_11_EAC1	<b>P10-31550 2C</b>	ERBB2	GATA6
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## FISH mapping

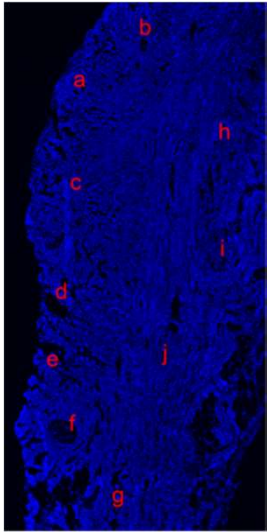




# FISH results

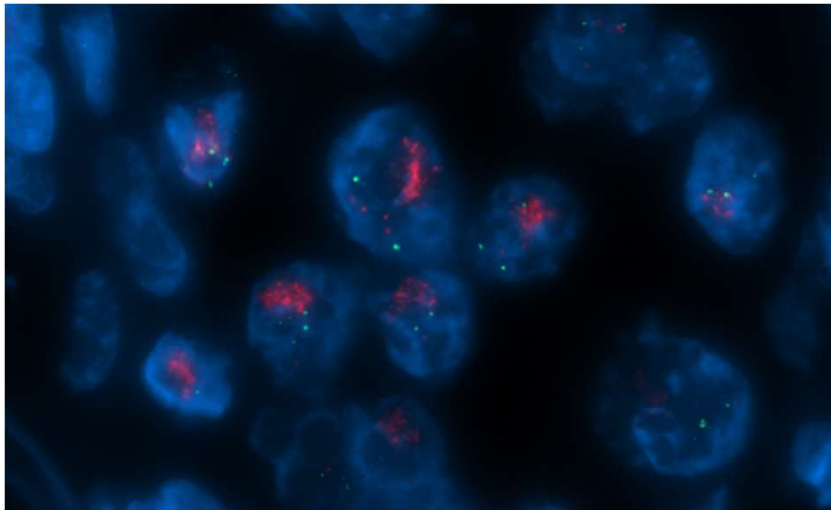
## 13) EAC1

**ERBB2/CEN17**



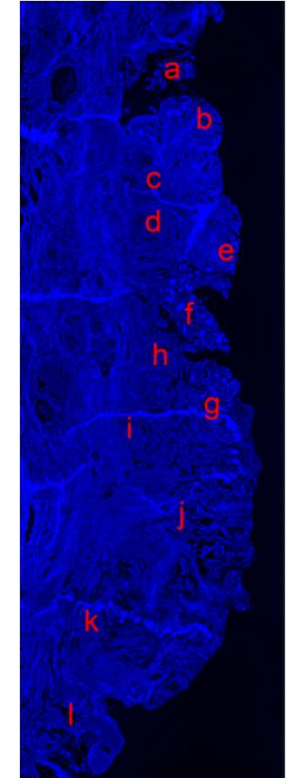
Representative FISH image, a

**ERBB2 CEN17**



**FISH: amplification  
(consistent with NGS results)**

**CEN3,11,13/cells counts**

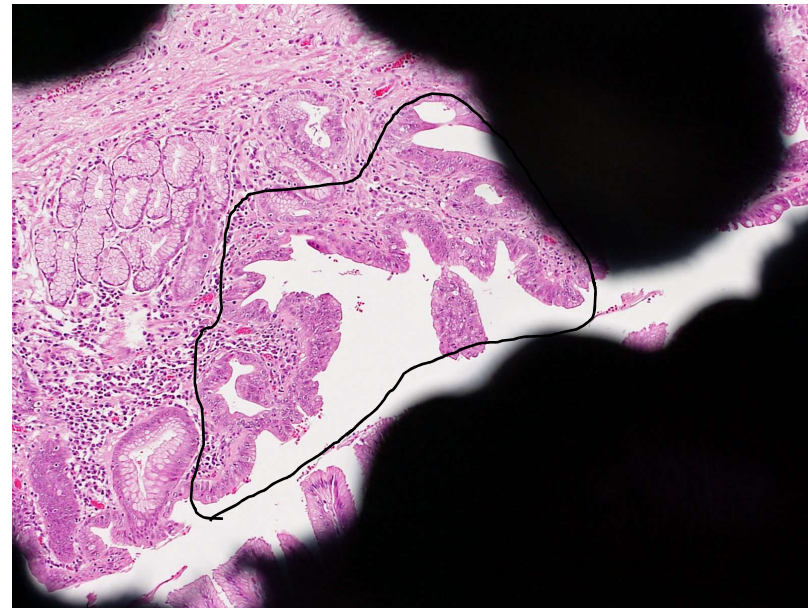


Please see the Excel file

P10-37257\_1E\_HE



14)HGD1 **ERBB2/CEN17**

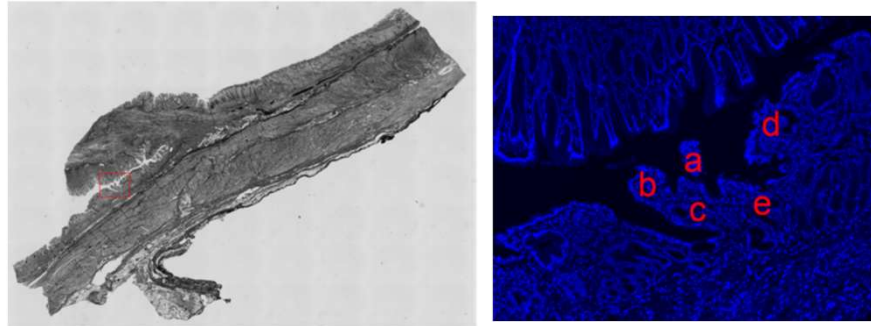


# 14)HGD1

## NGS results

14)	9_11_	HGD	9_11_HGD1	P10-37257 1E	ERBBS LOW	GATA6
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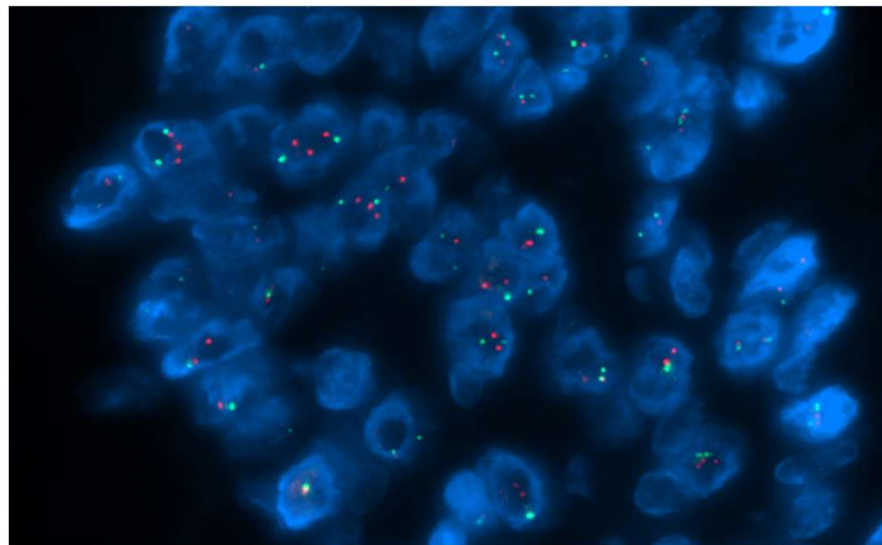
## FISH mapping



ERBB2/CEN17

ERBB2 CEN17

Representative FISH image, a



FISH: no amplification (**NOT** consistent with NGS results)



P10-37257\_1F\_HE



15) LGD1 **ERBB2/CEN17**

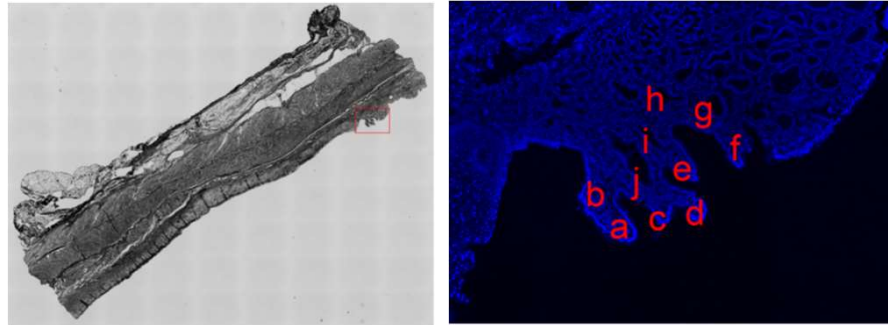


# 15)LGD1

## NGS results

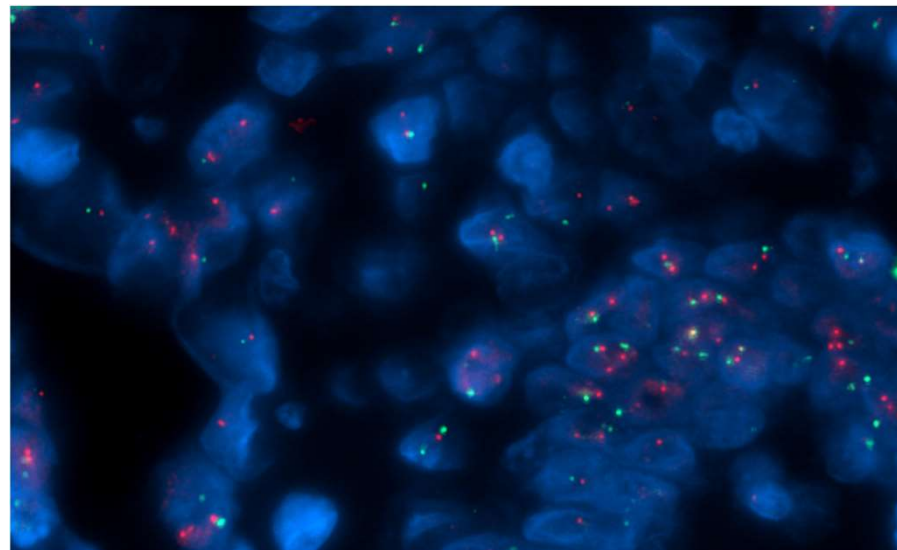
15)	9_11_	LGD	9_11_LGD1	P10-37257 1F	ERBB2 LOW	GATA6
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## FISH mapping



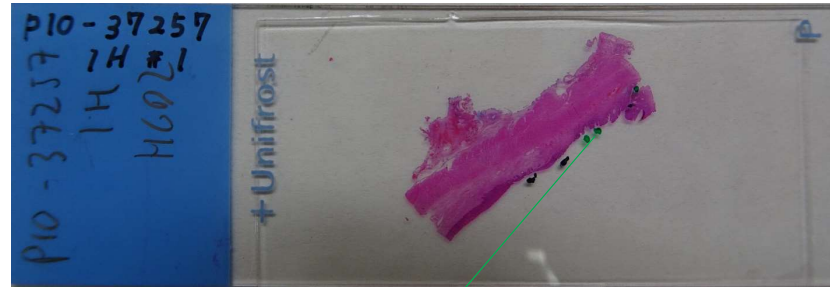
ERBB2/CEN17 ERBB2 CEN17

Representative FISH image, b



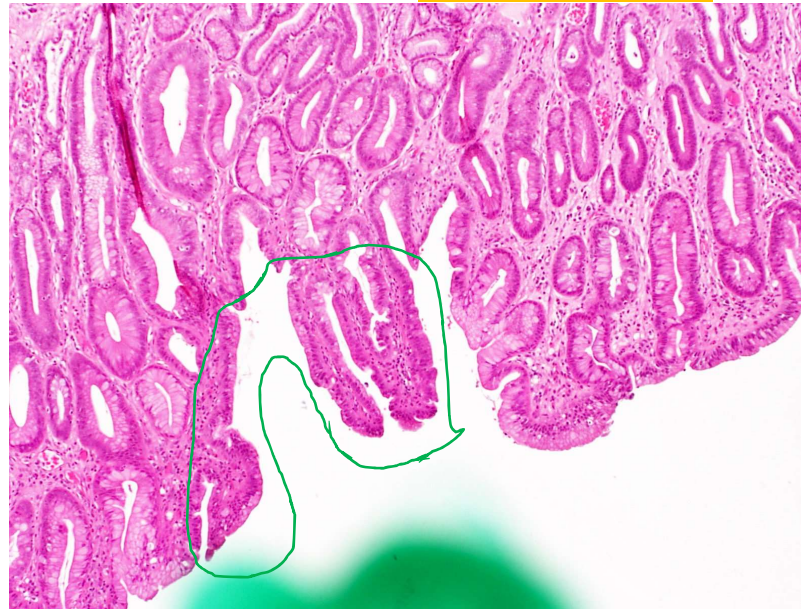
FISH: very low amplification  
(consistent with NGS results)

P10-37257\_1H\_HE



Too small area, may be difficult

16)HGD2 ERBB2/CEN17



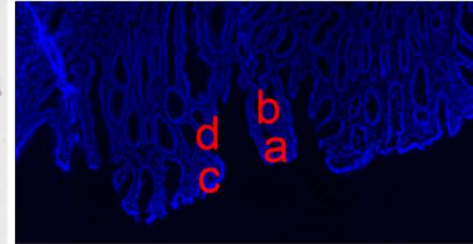
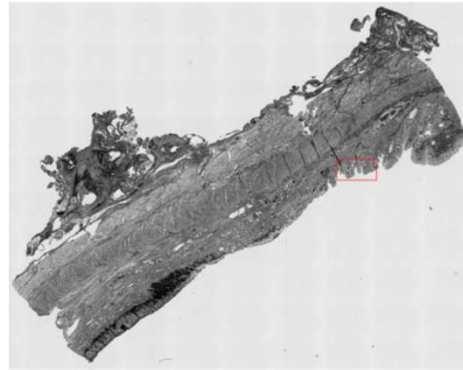


# 16)HGD2

## NGS results

16)	9-11-	HGD	9-11-HGD2	P10-37257 1H	
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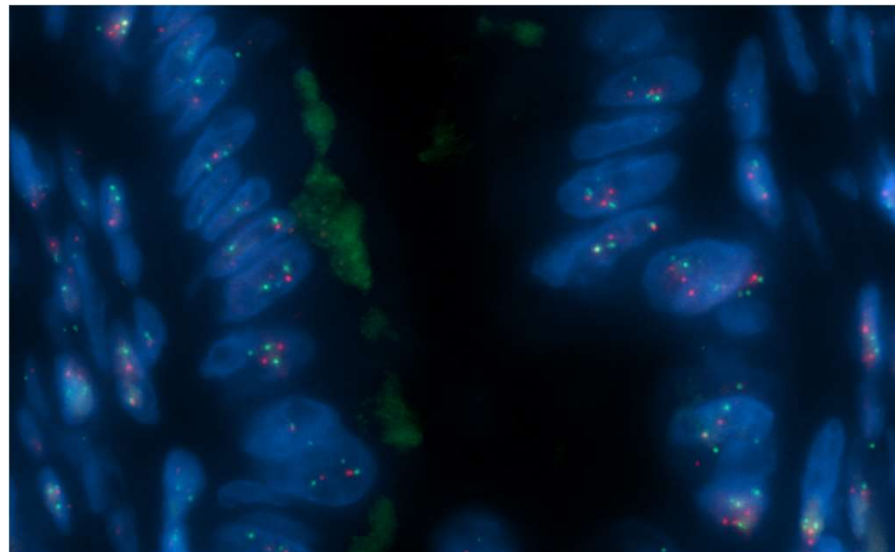
## FISH results



ERBB2/CEN17

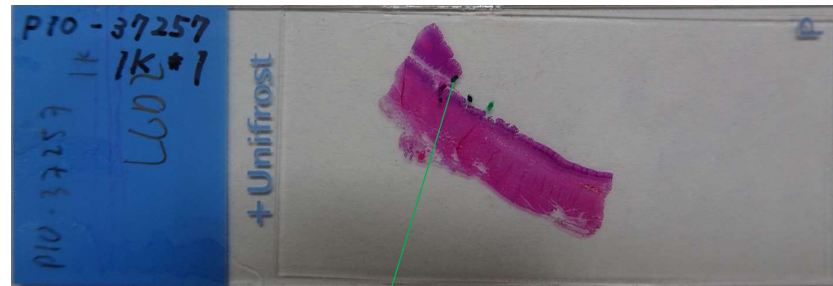
ERBB2 CEN17

Representative FISH image, a

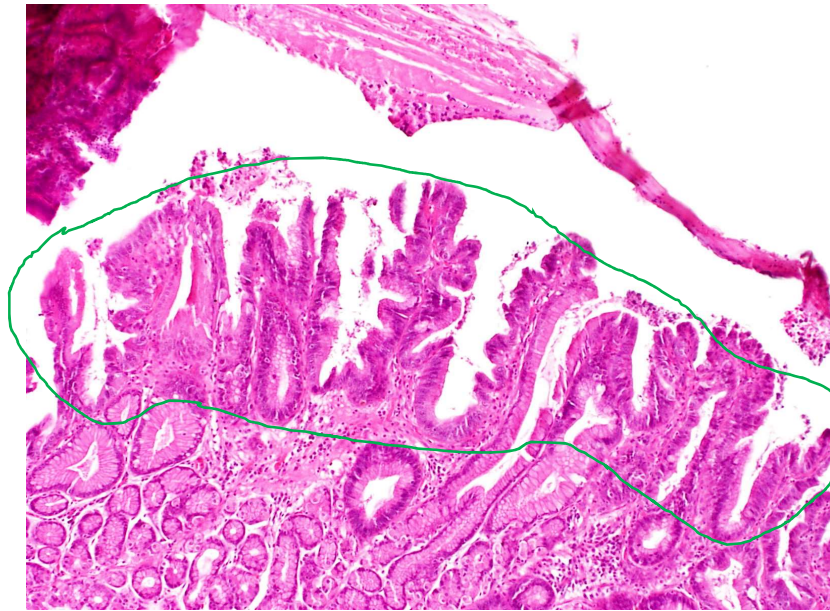


FISH: no amplification  
(consistent with NGS results)

P10-37257\_1K\_HE



17) LGD2 ERBB2/CEN17

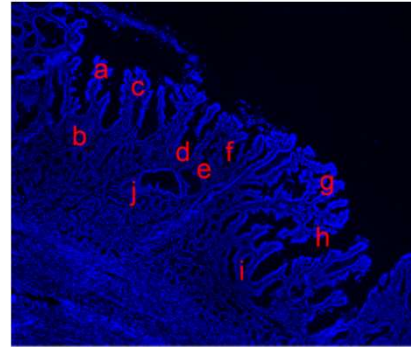
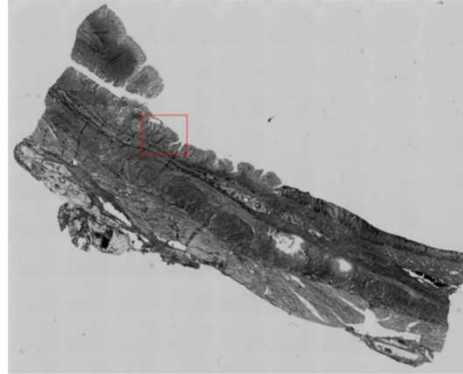


17)LGD2

NGS results

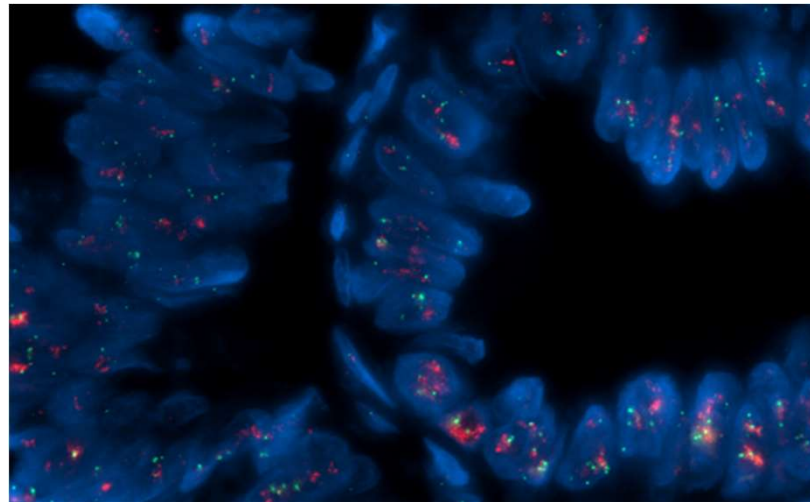
17)	9_11_	LGD	9_11_LGD2	P10-37257 1K	ERBB2	GATA6 LOW
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FISH results



ERBB2/CEN17 ERBB2 CEN17

Representative FISH image, g



FISH: amplification  
(consistent with NGS results)

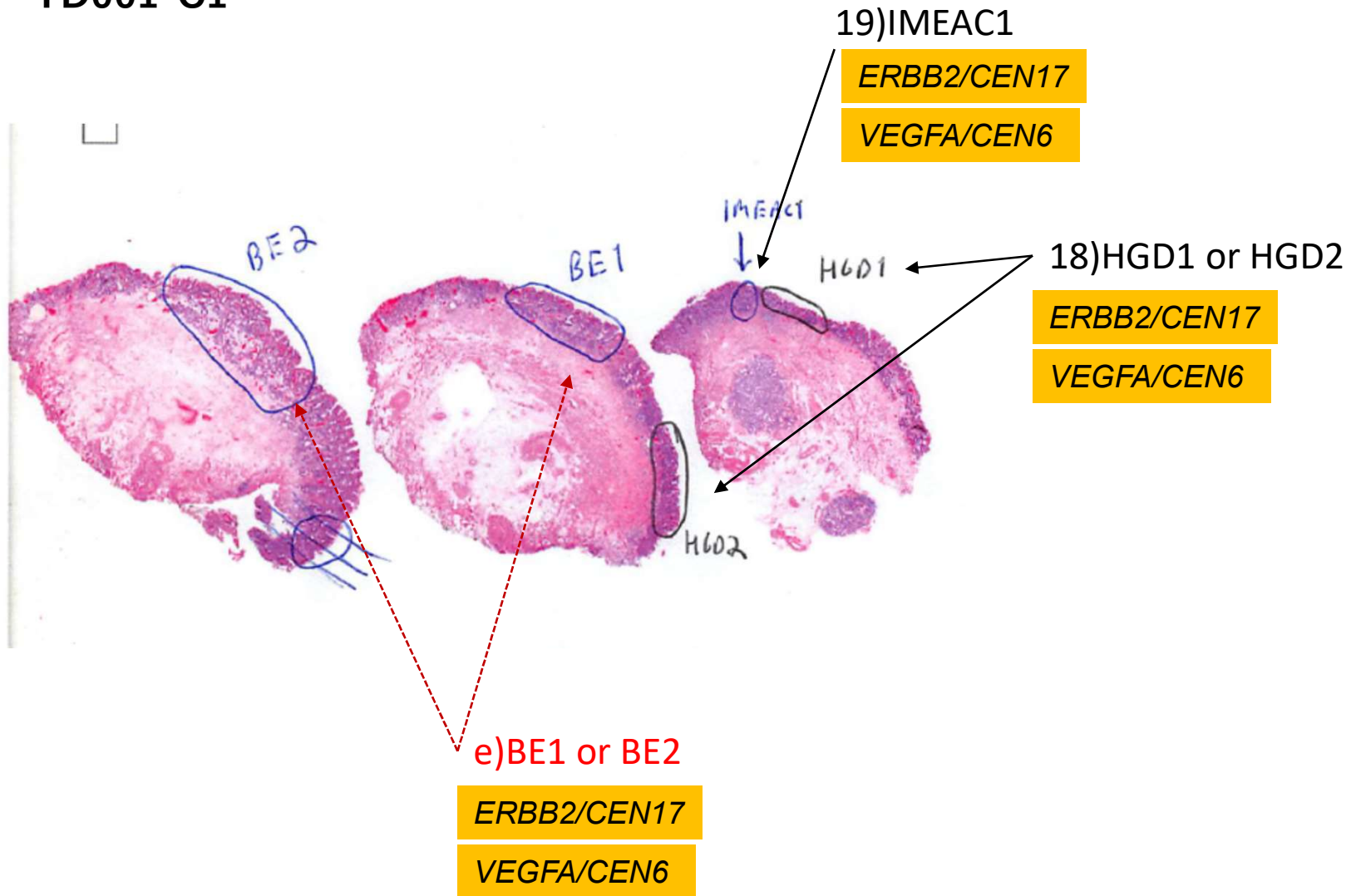


The cases (slides) received at 2018/9/27

Patient M001-

Patient M001-

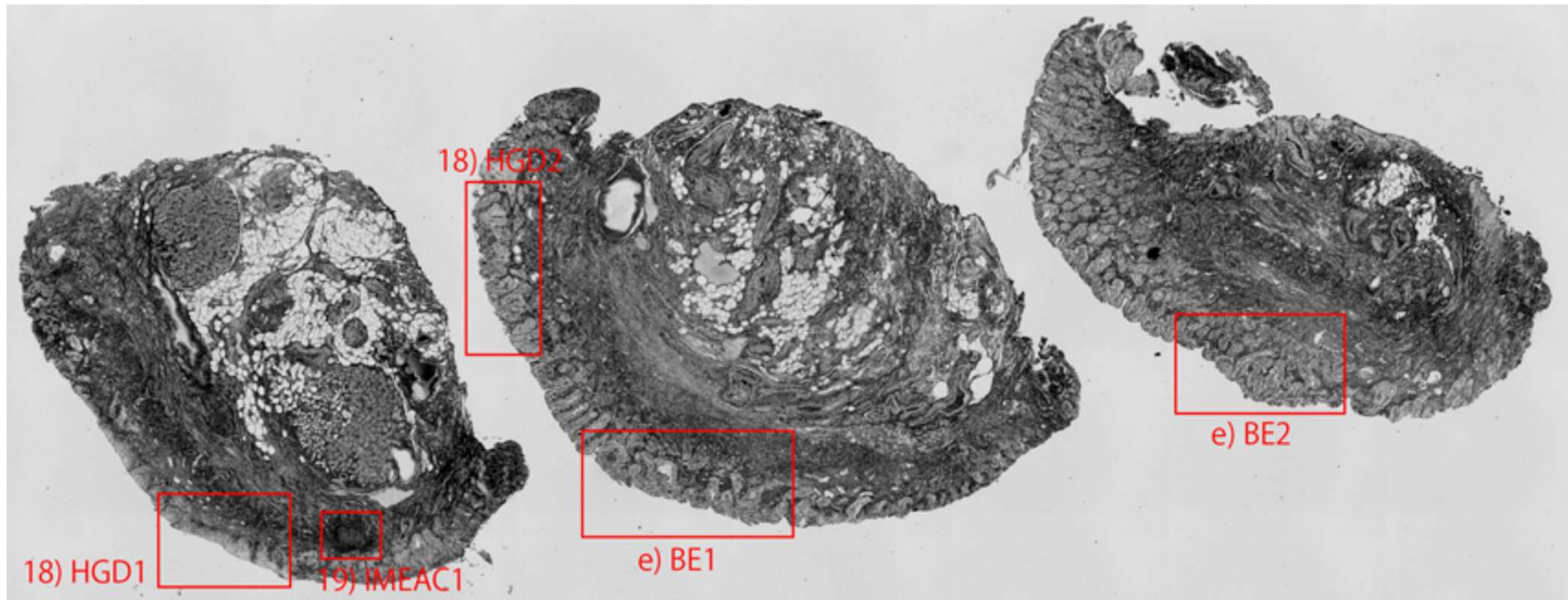
TD001-C1



## NGS results

18)	M001-	HGD	M001-HGD1	<b>TD001-C1</b>	VEGFA	MYB
19)	M001-	IMEAC	M001-IMEAC1	<b>TD001-C1</b>	VEGFA	MYB

## FISH mapping

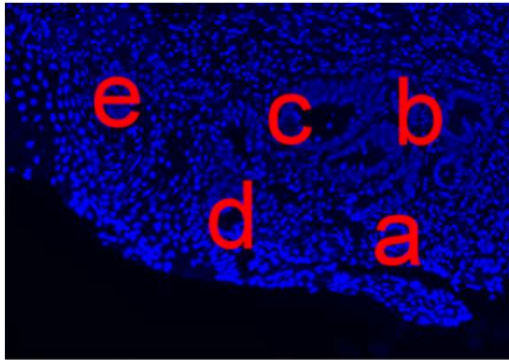




FISH results

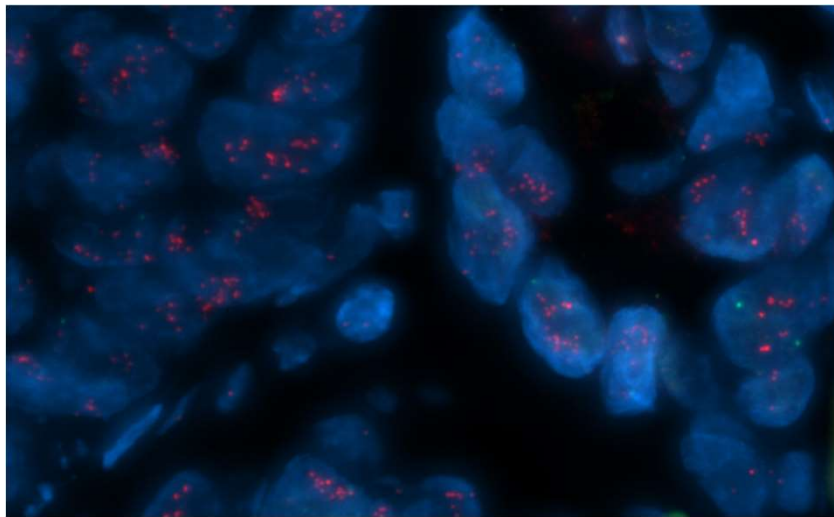
18)HGD1

VEGFA/CEN6



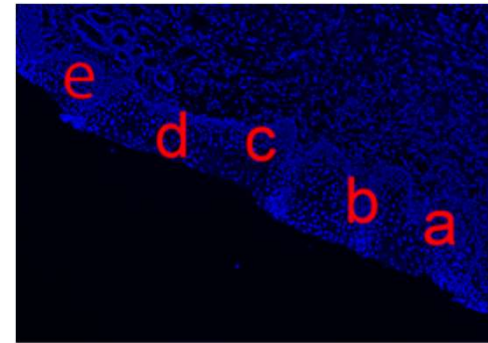
VEGFA CEN6

Representative FISH image, b



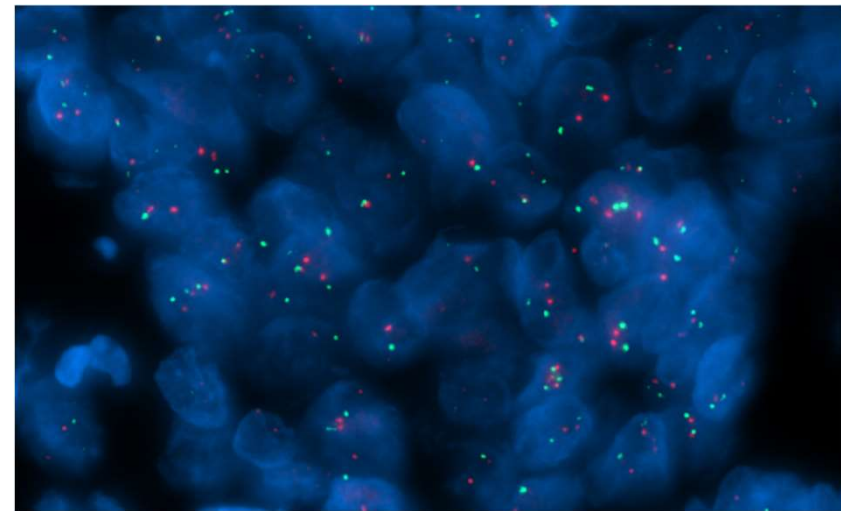
FISH: amplification  
(consistent with NGS results)

ERBB2/CEN17



ERBB2 CEN17

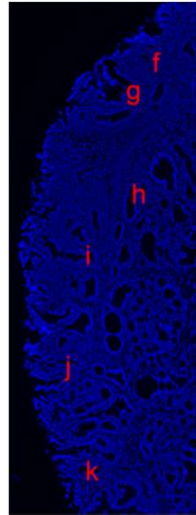
Representative FISH image, a



FISH: no amplification  
(consistent with NGS results)

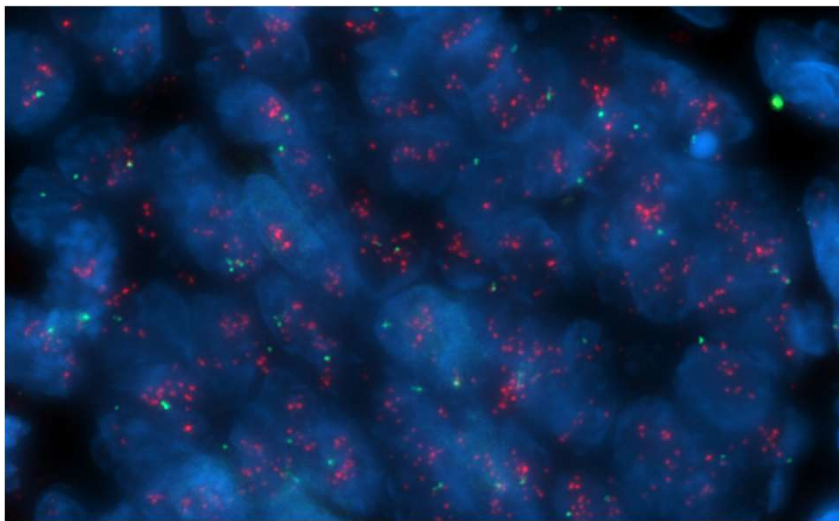
FISH results

VEGFA/CEN6



VEGFA CEN6

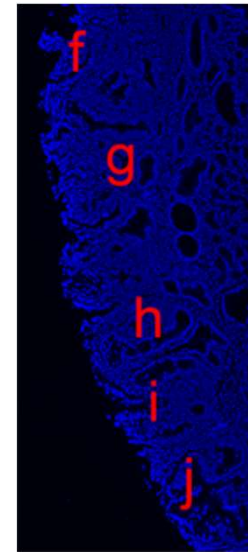
Representative FISH image, f



FISH: amplification  
(consistent with NGS results)

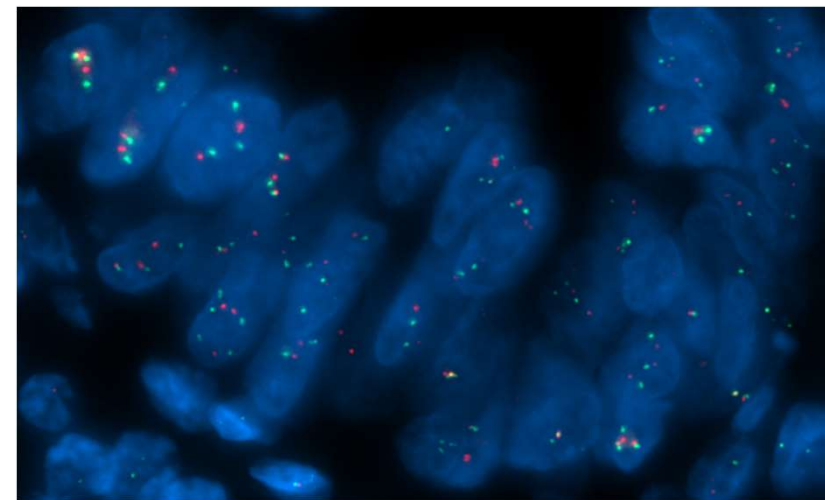
18) HGD2

ERBB2/CEN17



ERBB2 CEN17

Representative FISH image, g

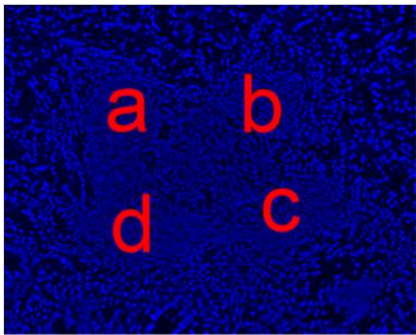


FISH: no amplification  
(consistent with NGS results)

FISH results

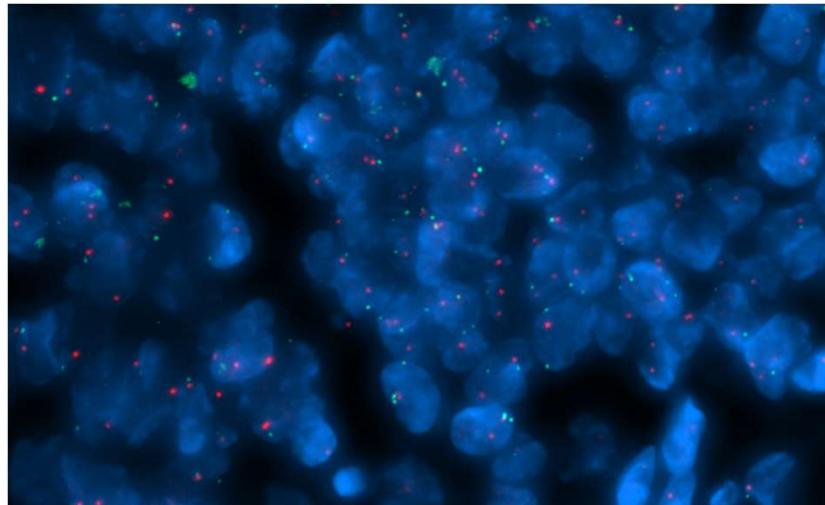
19)IMEAC1

VEGFA/CEN6



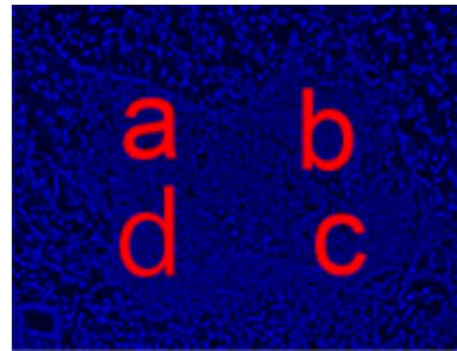
VEGFA CEN6

Representative FISH image, b



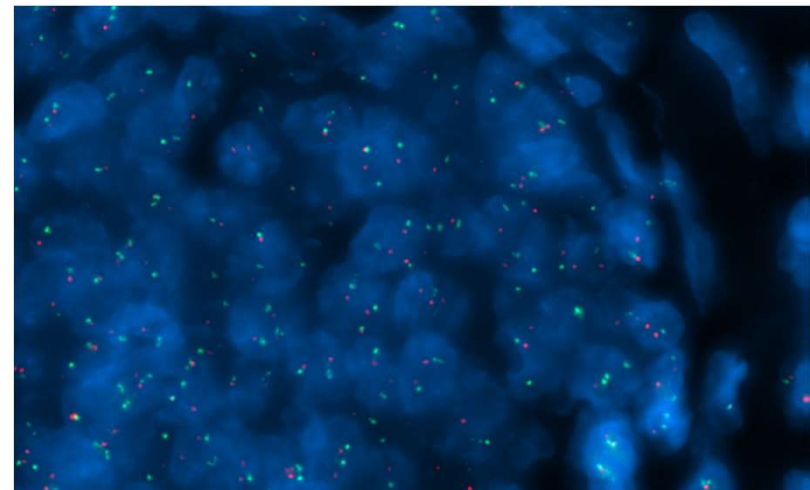
**FISH: no amplification  
(NOT consistent with NGS results)**

ERBB2/CEN17



ERBB2 CEN17

Representative FISH image, b

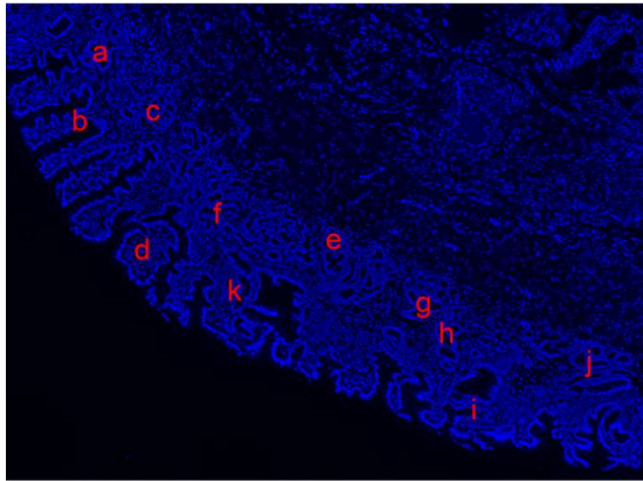


FISH: no amplification  
(consistent with NGS results)



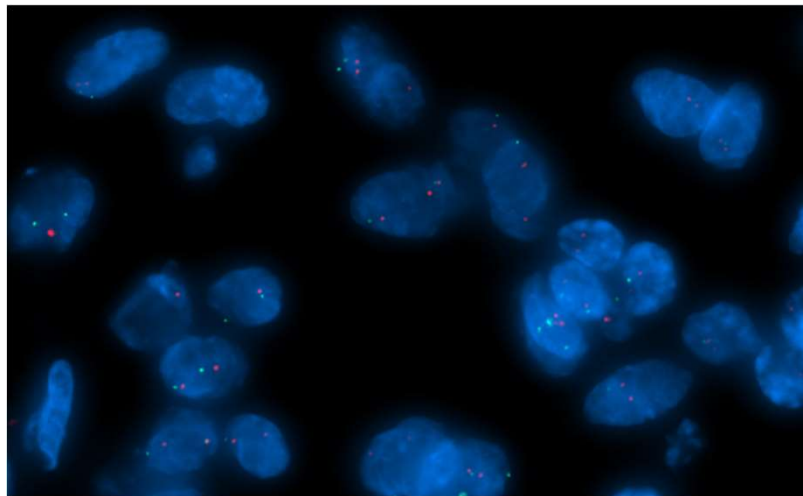
FISH results

VEGFA/CEN6



VEGFA CEN6

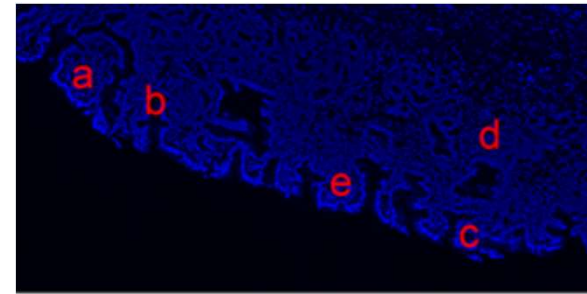
Representative FISH image, d



FISH: no amplification

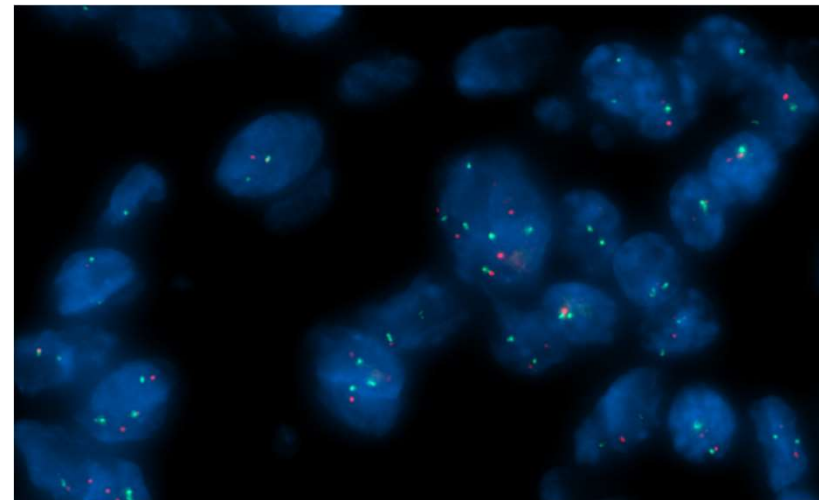
e)BE1

ERBB2/CEN17



ERBB2 CEN17

Representative FISH image, b



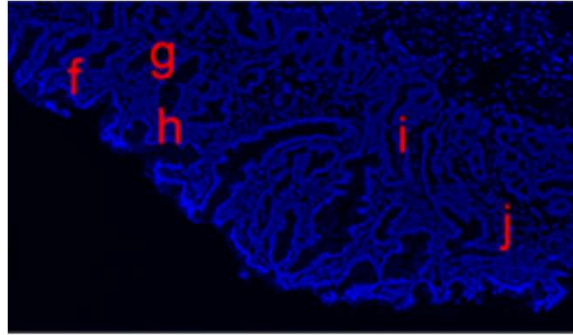
FISH: no amplification



FISH results

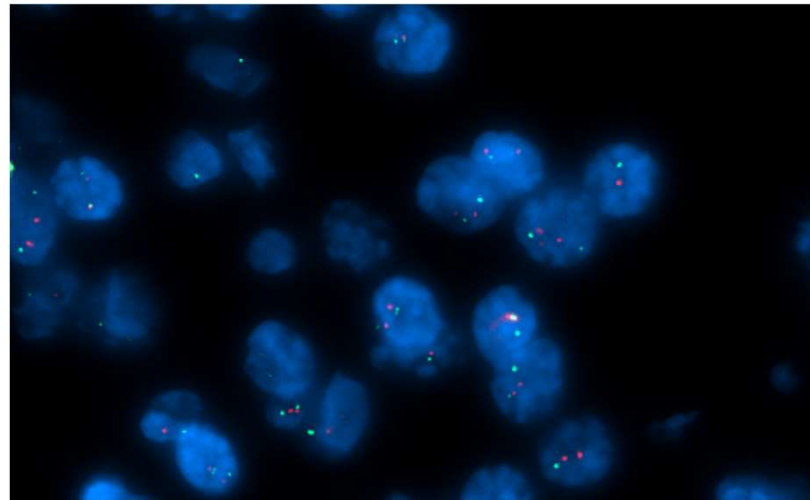
e) BE2

*ERBB2/CEN17*



*ERBB2* *CEN17*

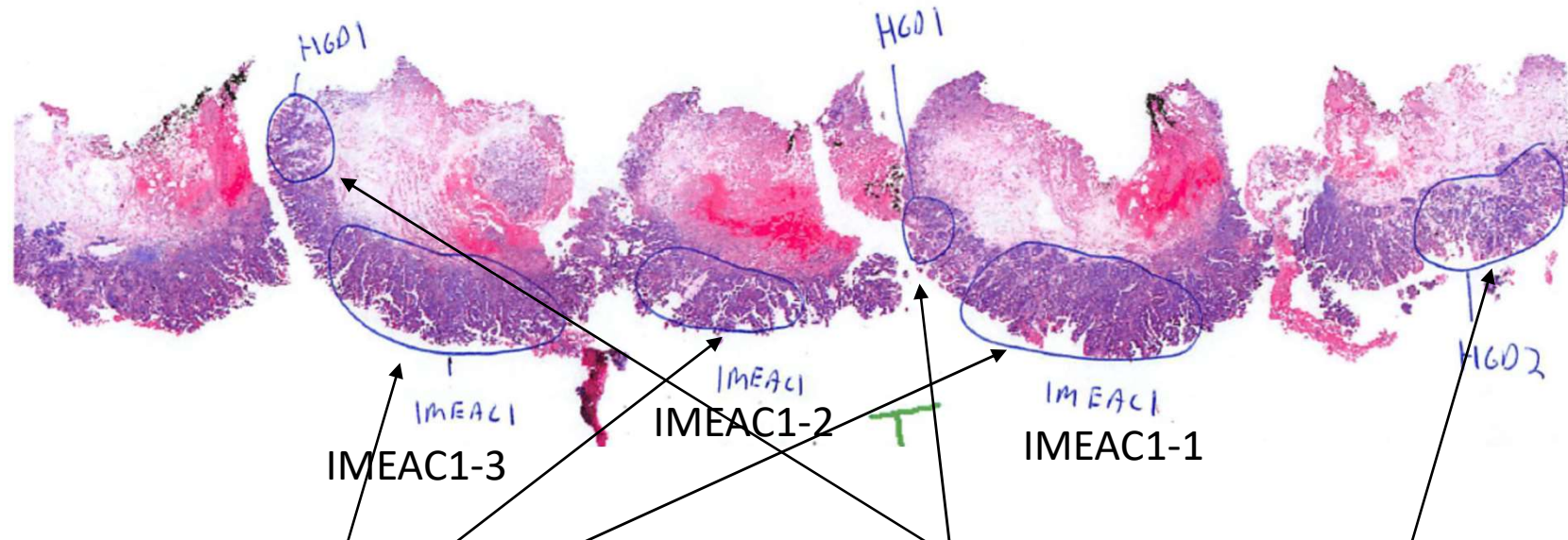
Representative FISH image, j



FISH: no amplification

Patient M007-

TD007-D1



22)IMEAC1-1,2,3

ERBB2/CEN17

MYC/CEN8

FGFR2/CEN10

20)HGD1

ERBB2/CEN17

MYC/CEN8

FGFR2/CEN10

21)HGD2

ERBB2/CEN17

MYC/CEN8

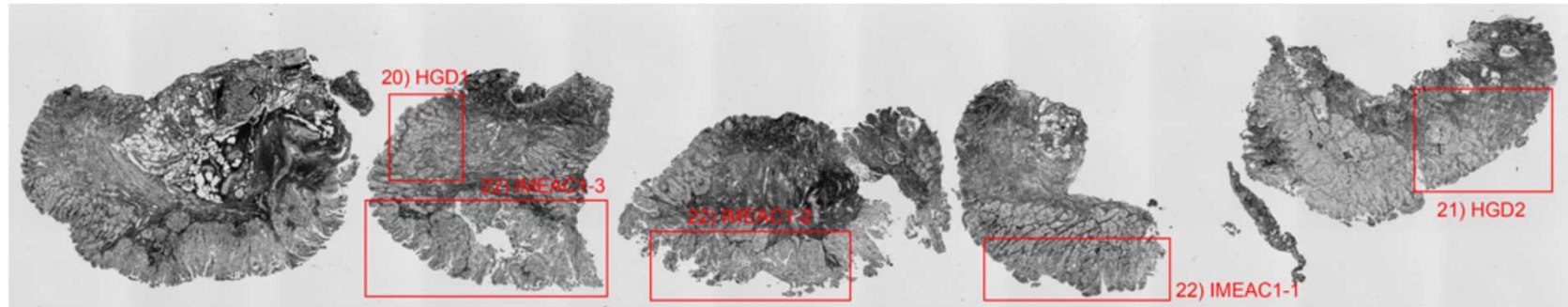
FGFR2/CEN10

## NGS results

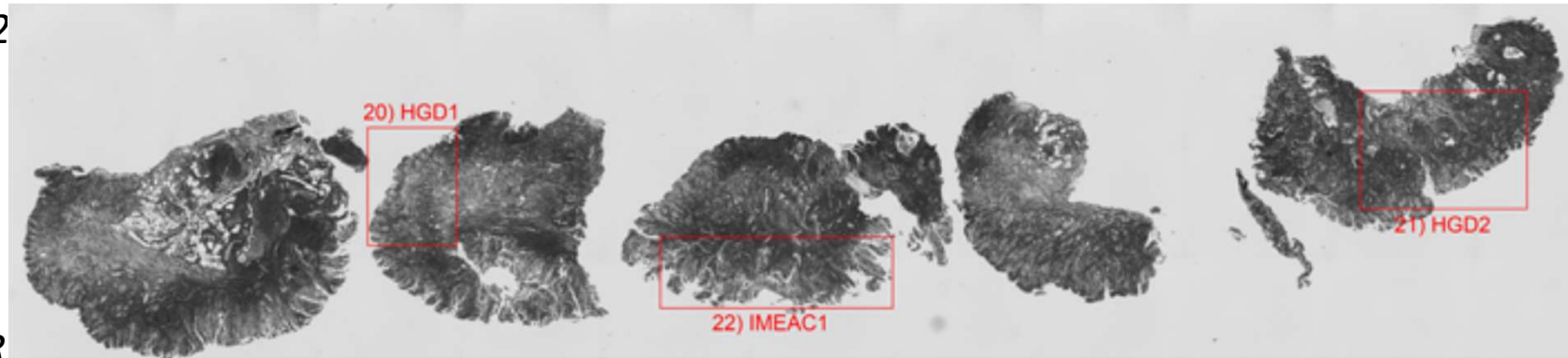
20)	M007-	HGD	M007-HGD1	<b>TD007-D1</b>	FGFR2		
21)	M007-	HGD	M007-HGD2	<b>TD007-D1</b>	FGFR2 HIGH	GATA6	MYC
22)	M007-	IMEAC	M007-IMEAC1	<b>TD007-D1</b>	FGFR2 HIGH	GATA6	MYC HIGH

## FISH mapping

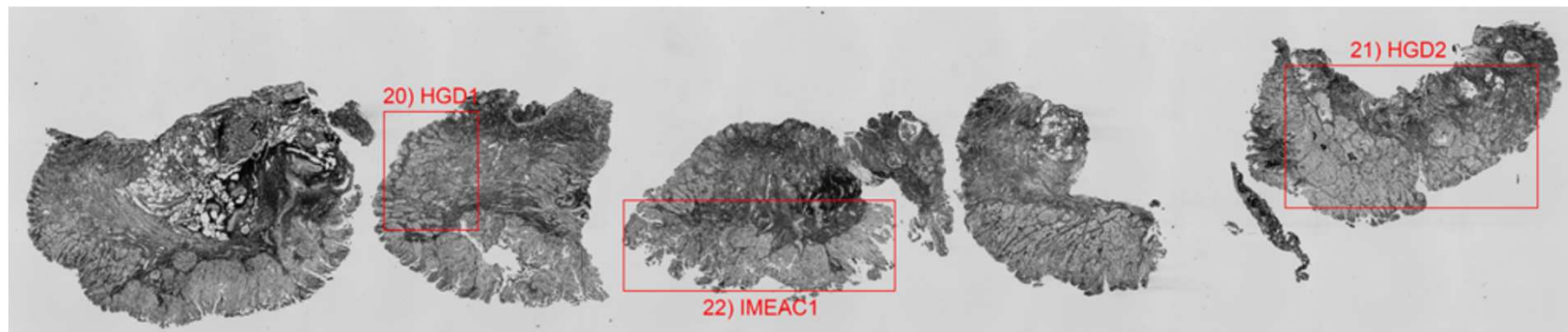
*MYC*



*ERBB2*



*FGFR*

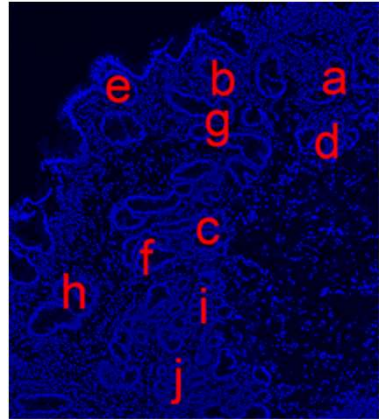




FISH results

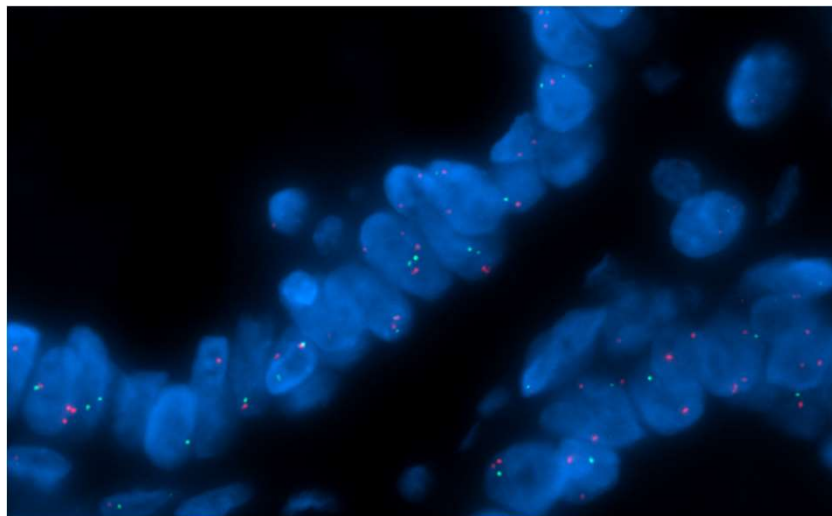
20)HGD1

**MYC/CEN8**



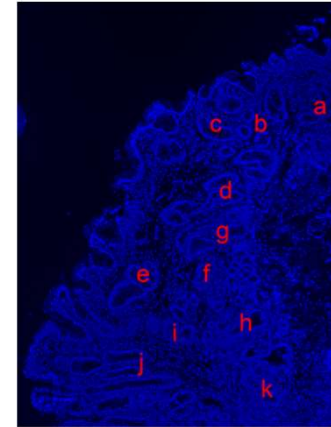
**MYC**    **CEN8**

Representative FISH image, b



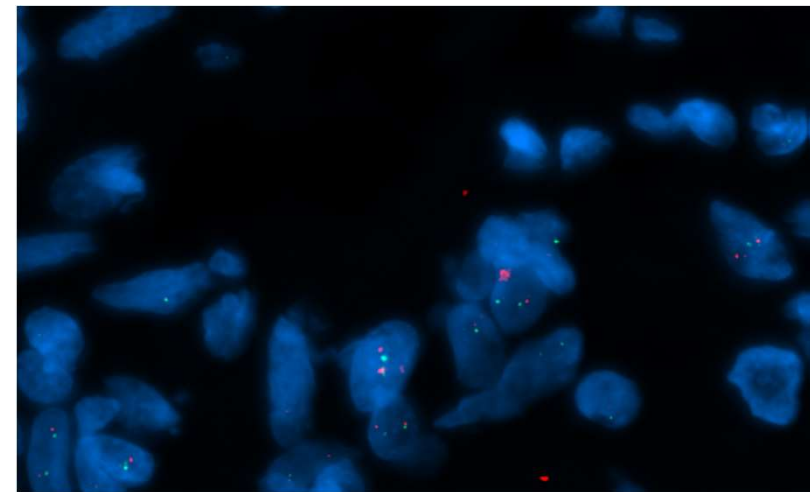
FISH: no amplification  
(consistent with NGS results)

**ERBB2/CEN17**



**ERBB2**    **CEN17**

Representative FISH image, a

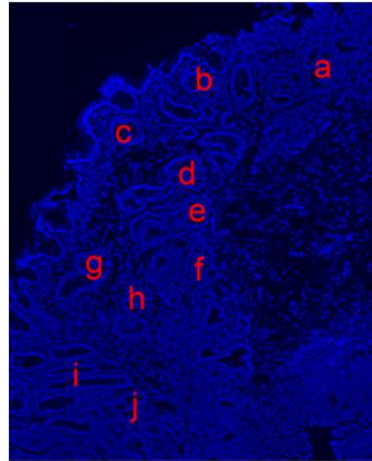


FISH: no amplification  
(consistent with NGS results)

FISH results

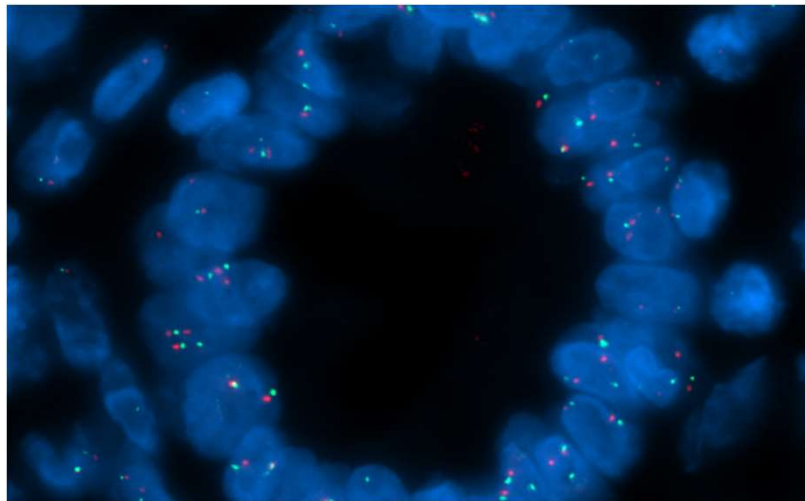
20)HGD1

*FGFR2/CEN10*



*FGFR2* *CEN10*

Representative FISH image, b

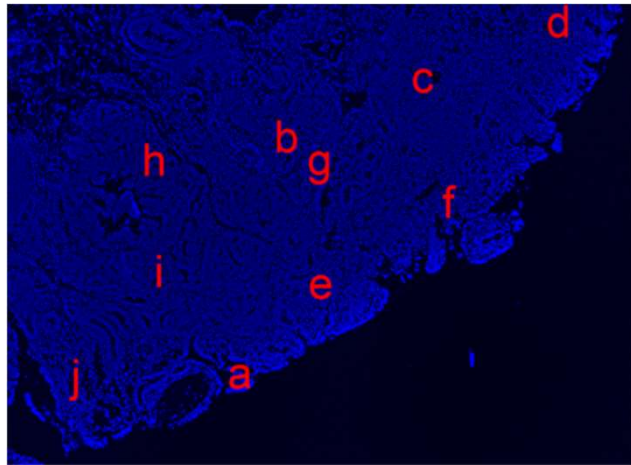


**FISH: no amplification  
(NOT consistent with NGS results)**

FISH results

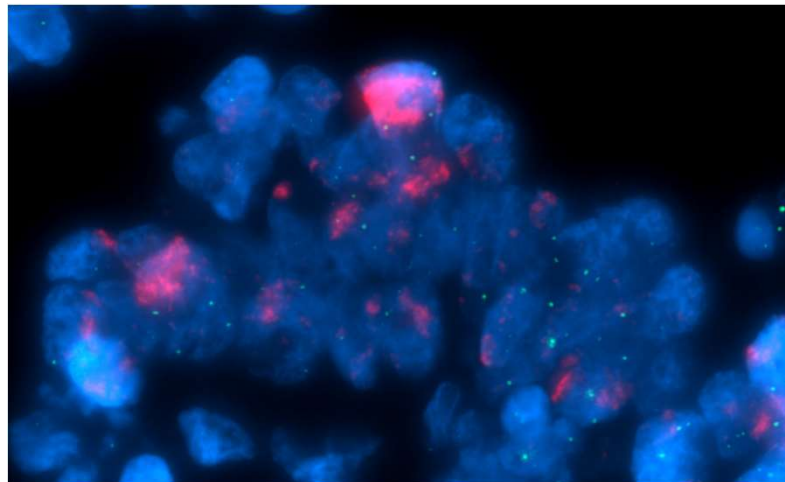
21)HGD2

MYC/CEN8



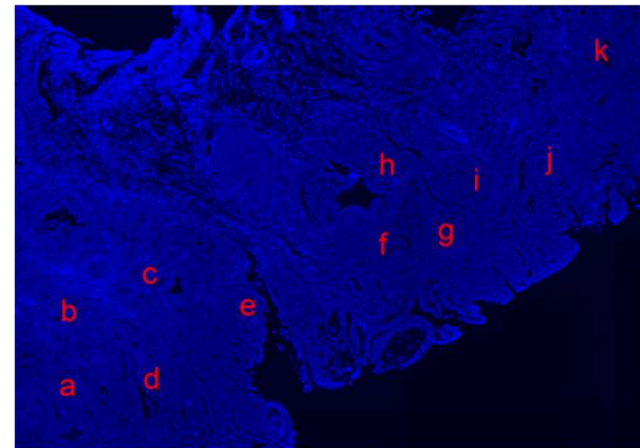
MYC CEN8

Representative FISH image, a



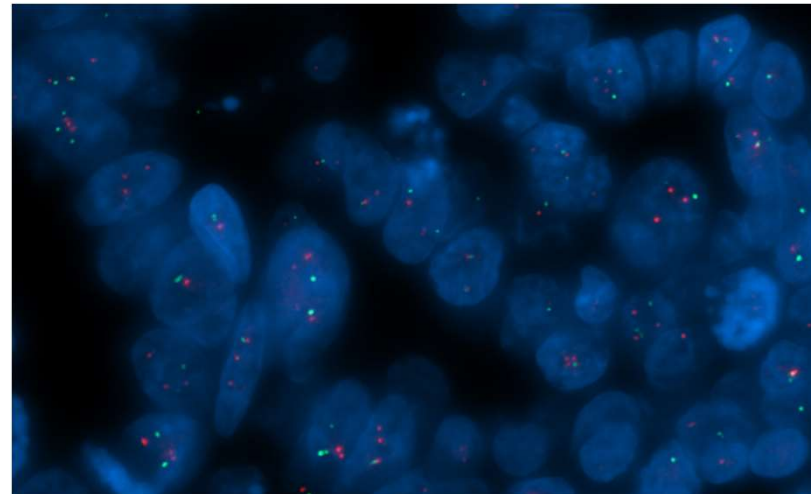
FISH: amplification around area 'a'  
(consistent with NGS results)

ERBB2/CEN17



ERBB2 CEN17

Representative FISH image, g

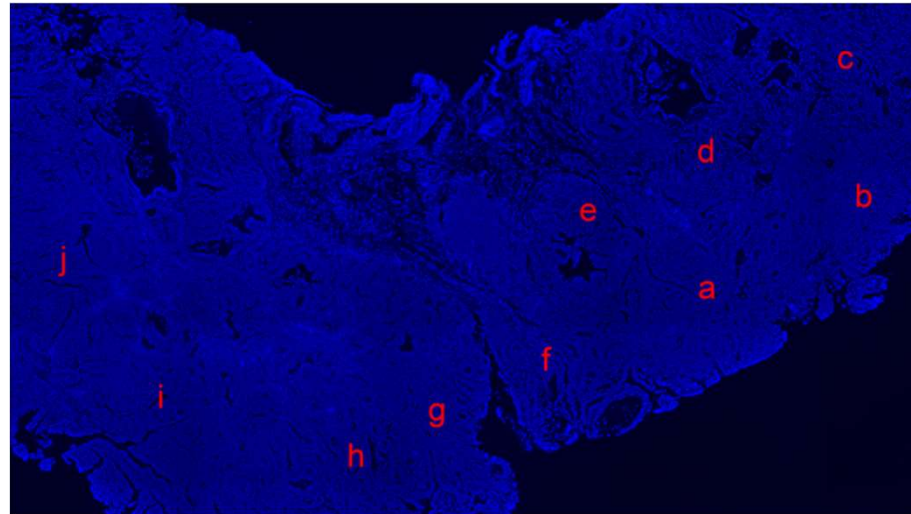


FISH: no amplification  
(consistent with NGS results)

FISH results

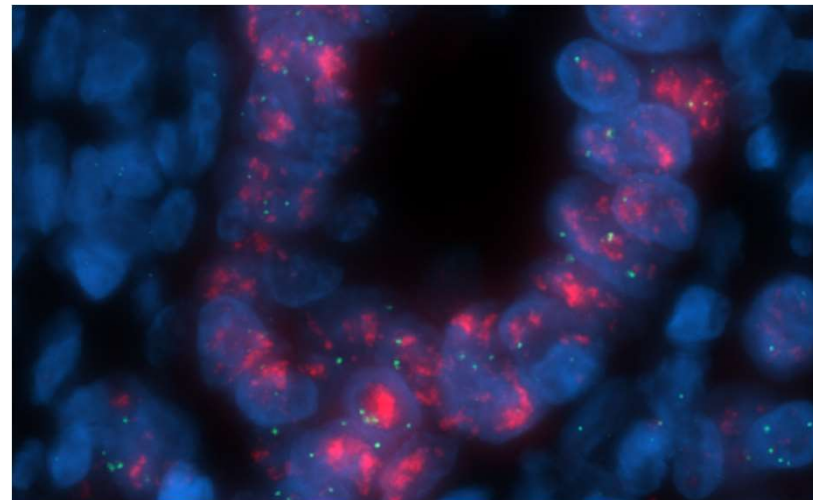
21)HGD2

*FGFR2/CEN10*



*FGFR2* *CEN10*

Representative FISH image, b



FISH: amplification  
(consistent with NGS results)

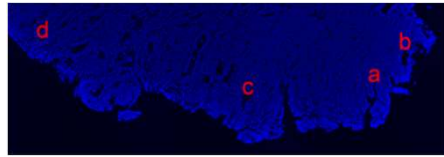


FISH results

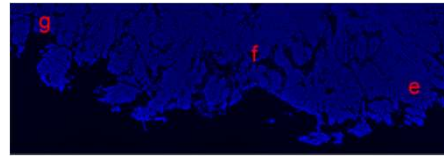
22)IMEAC1-1,2,3

**MYC/CEN8**

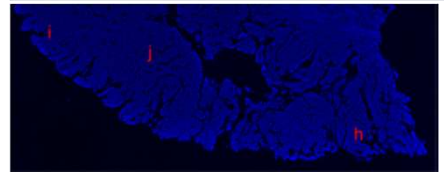
IMEAC1-1



IMEAC1-2

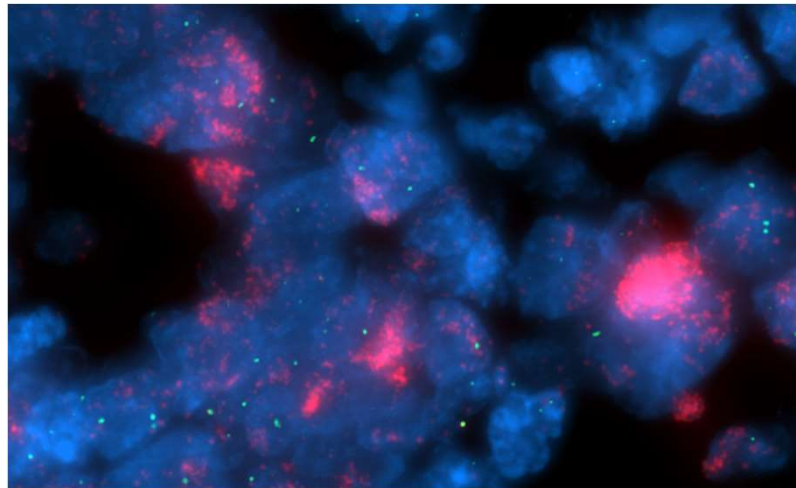


IMEAC1-3



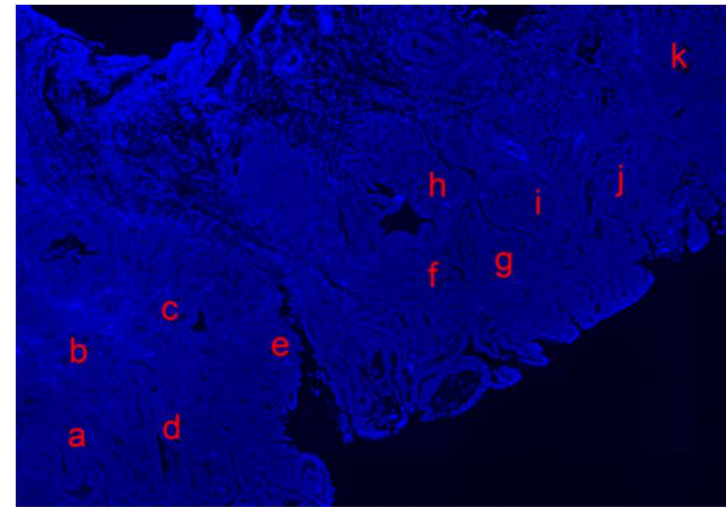
**MYC CEN8**

Representative FISH image, e



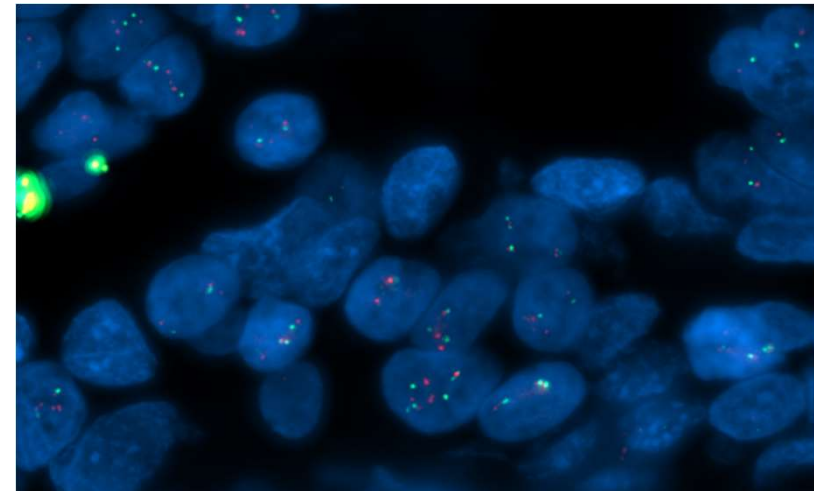
**FISH: amplification  
(consistent with NGS results)**

**ERBB2/CEN17**



**ERBB2 CEN17**

Representative FISH image, d

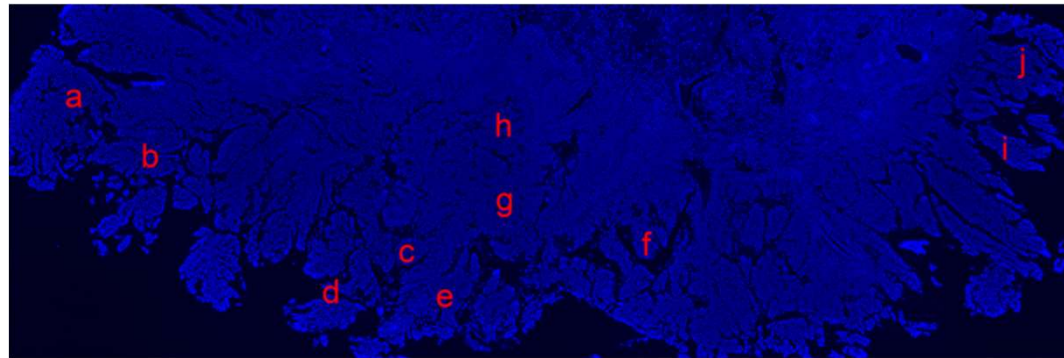


**FISH: no amplification  
(consistent with NGS results)**

FISH results

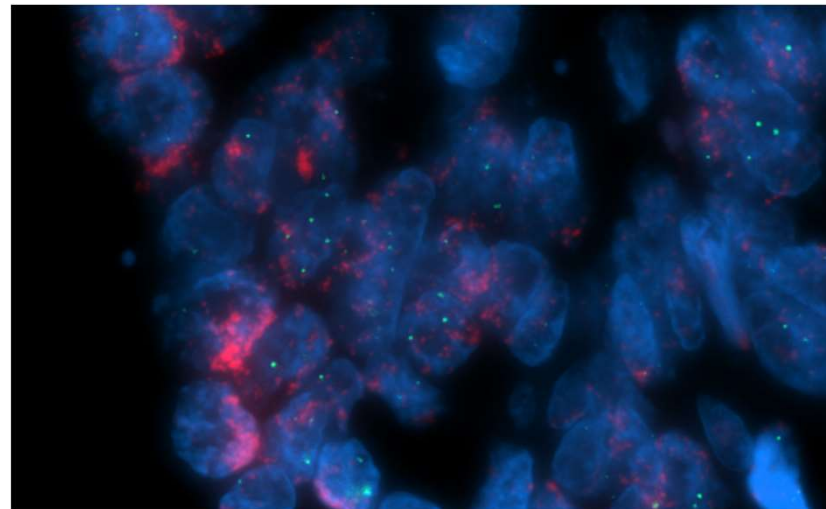
22)IMEAC1-1

*FGFR2/CEN10*



*FGFR2* *CEN10*

Representative FISH image, f



FISH: amplification  
(consistent with NGS results)

Patient M007-

TD007-E1



23)EAC1

ERBB2/CEN17

MYC/CEN8

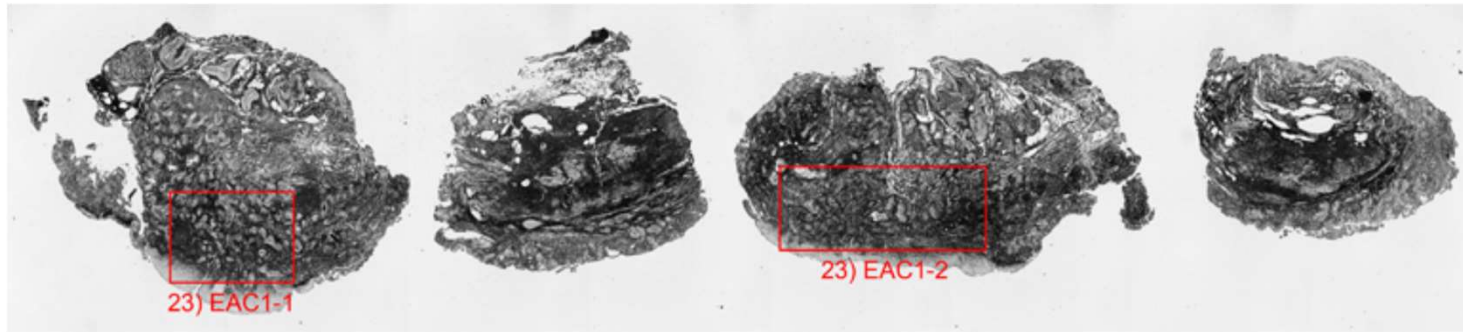
FGFR2/CEN10

# NGS results

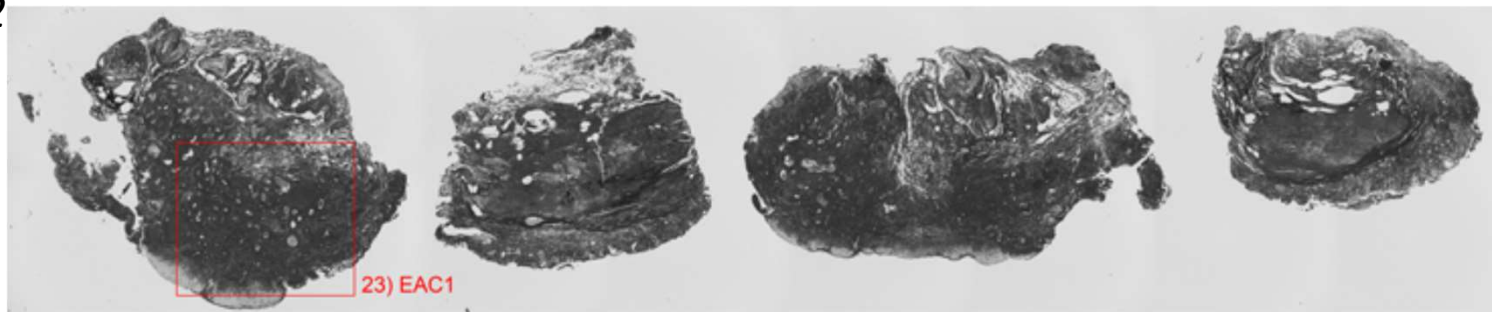
23)	M007-	EAC	M007-EAC1	TD007-E1		MYC
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## FISH mapping

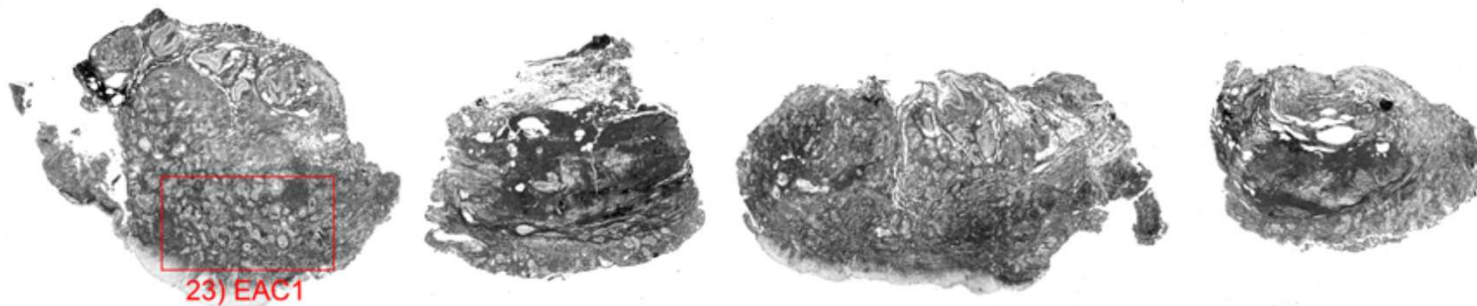
MYC



ERBB2



FGFR2

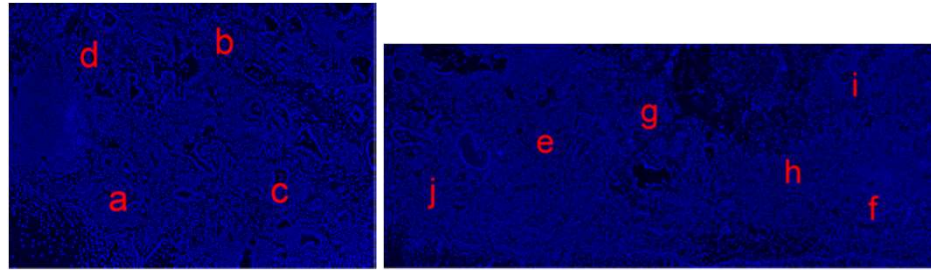




FISH results

23)EAC1

MYC/CEN8

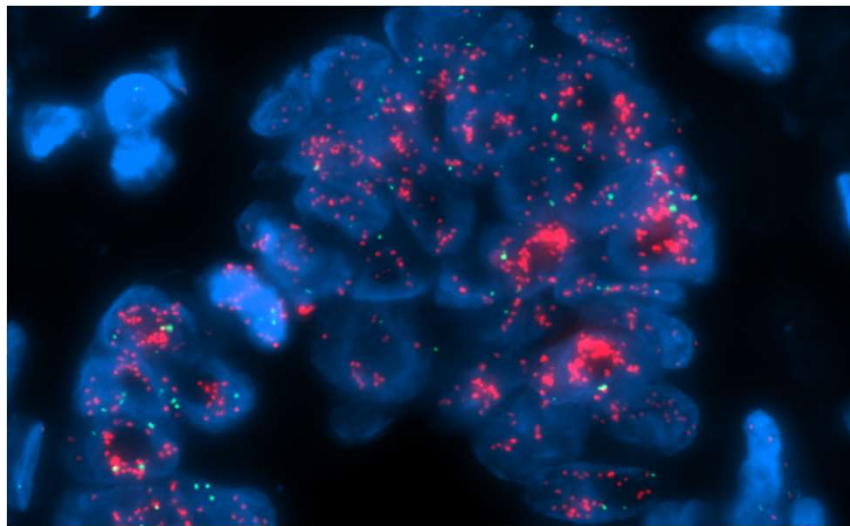


EAC1-1

EAC1-2

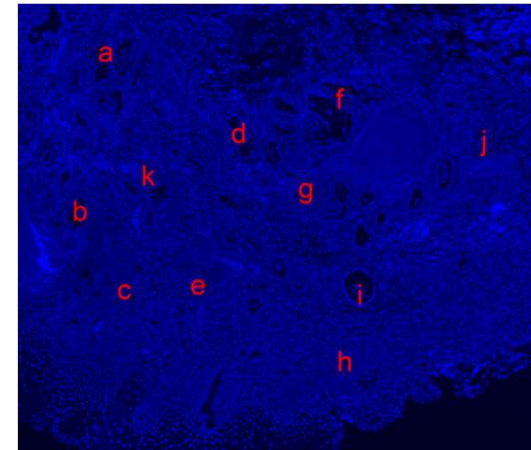
MYC CEN8

Representative FISH image, d



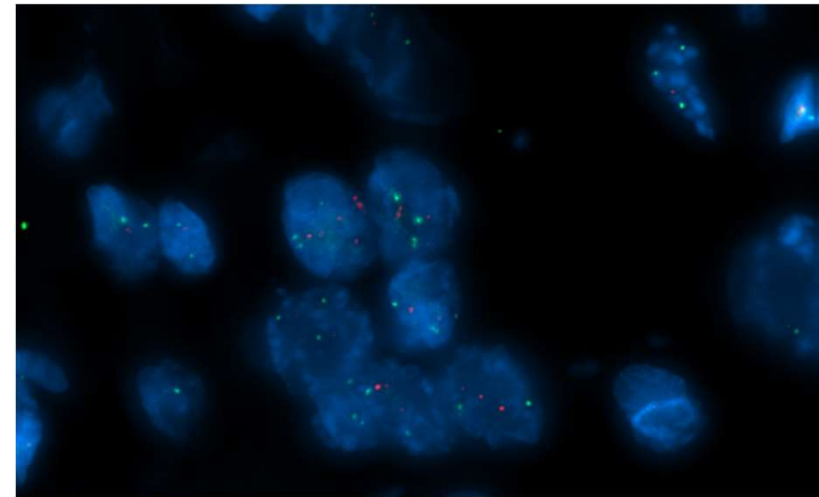
FISH: amplification  
(consistent with NGS results)

ERBB2/CEN17



ERBB2 CEN17

Representative FISH image, d

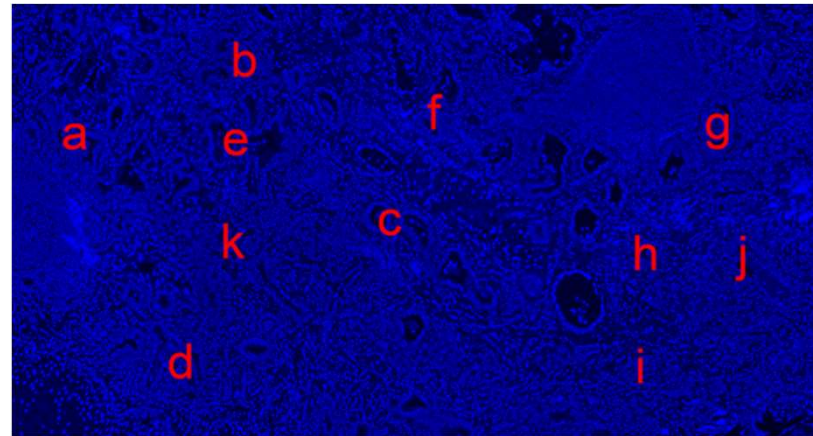


FISH: no amplification  
(consistent with NGS results)

FISH results

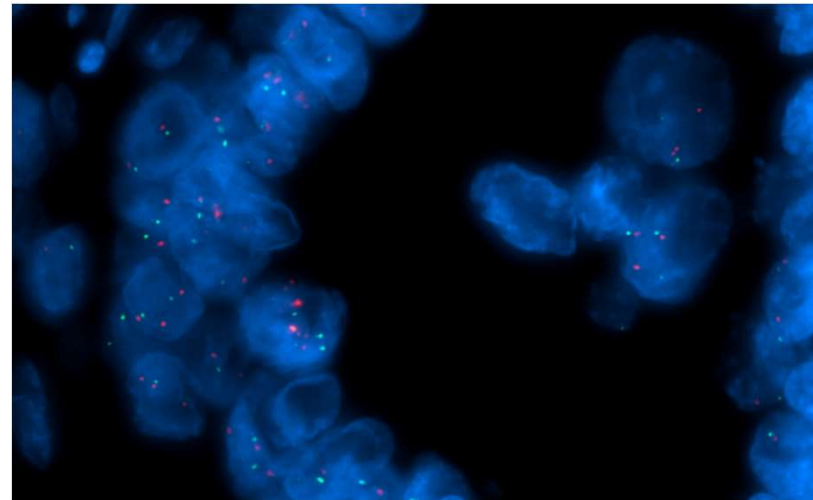
23)EAC1

*FGFR2/CEN10*



*FGFR2* *CEN10*

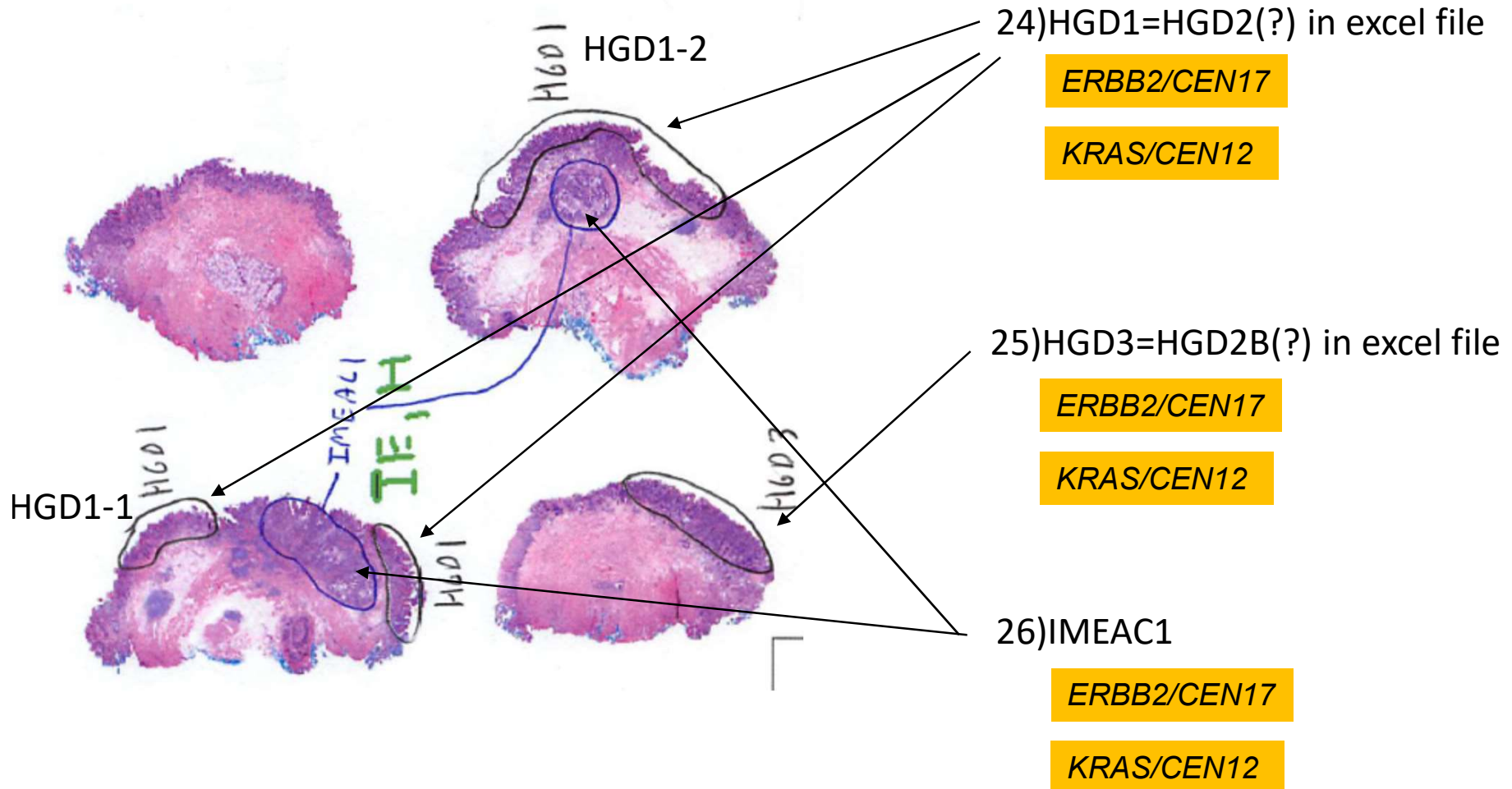
Representative FISH image,



FISH: no amplification  
(consistent with NGS results)

Patient M008-

TD008-H1



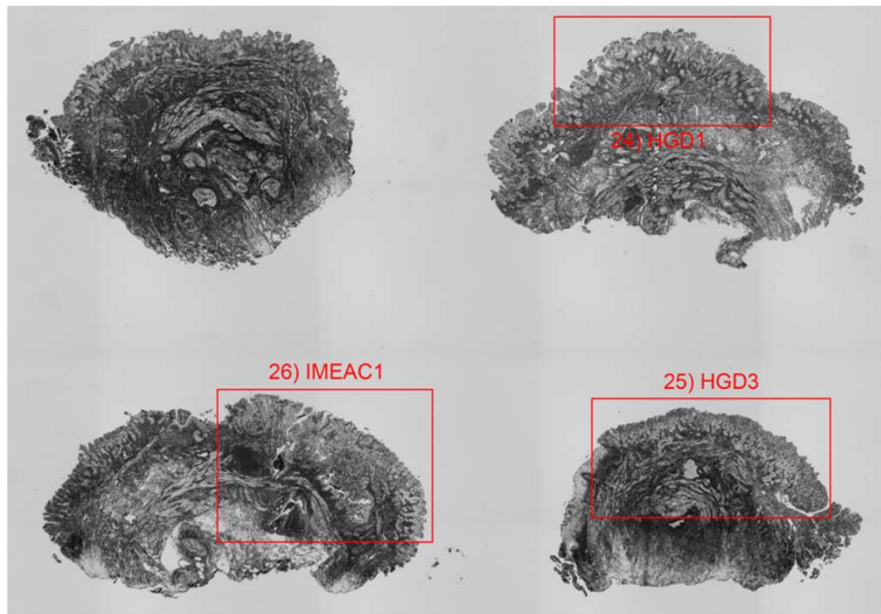


## NGS results

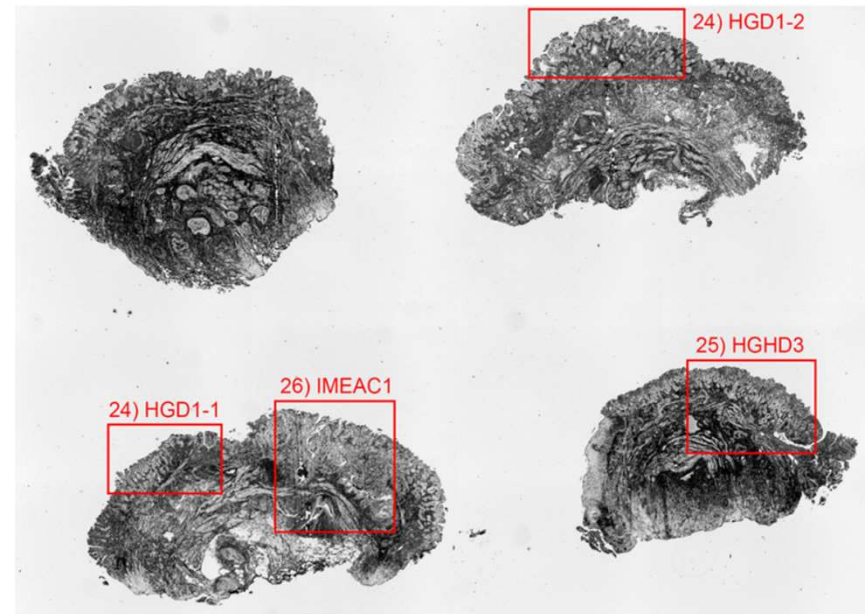
24)	M008-	HGD	M008-HGD2	<b>TD008-H1</b>	ERBB2	CDK6 LOW		
25)	M008-	HGD	M008-HGD2B	<b>TD008-H1</b>	ERBB2	CDK6		
26)	M008-	IMEAC	M008-IMEAC1	<b>TD008-H1</b>	ERBB2	KRAS	CDK6	GATA6

## FISH mapping

### *KRAS*



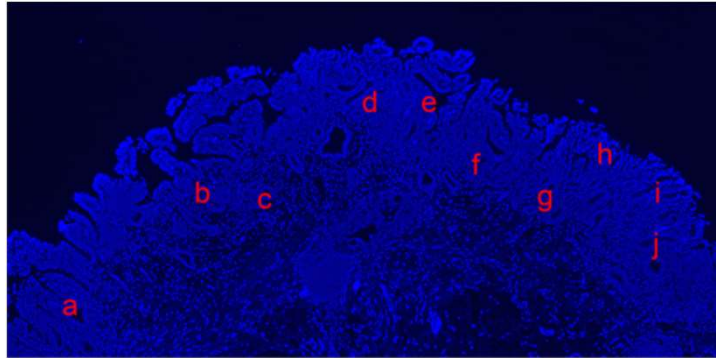
### *ERBB2*



FISH results

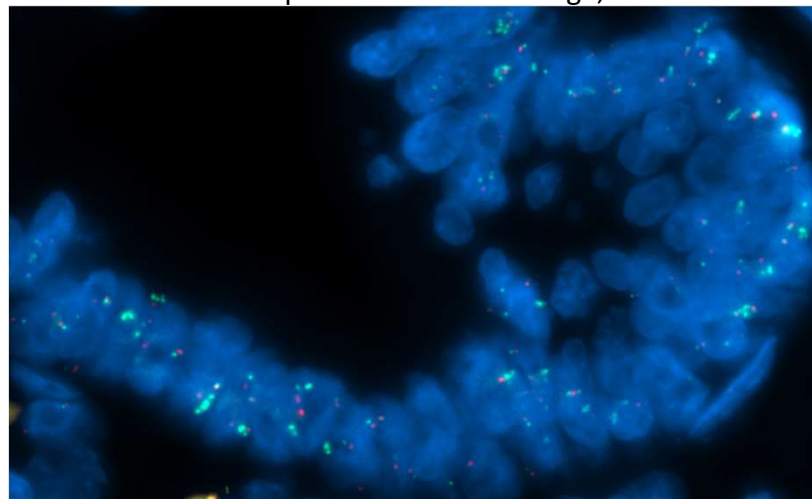
24)HGD1=HGD2(?) in excel file

**KRAS/CEN12**



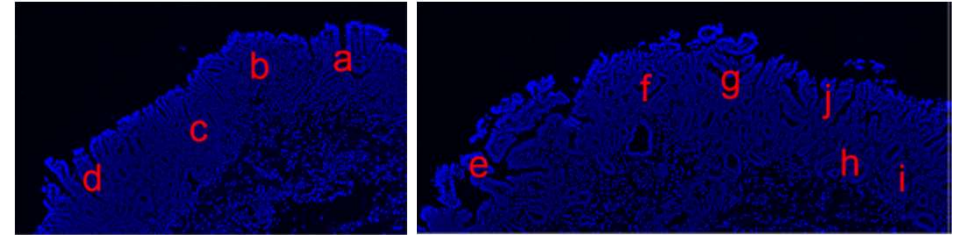
**KRAS CEN12**

Representative FISH image, a



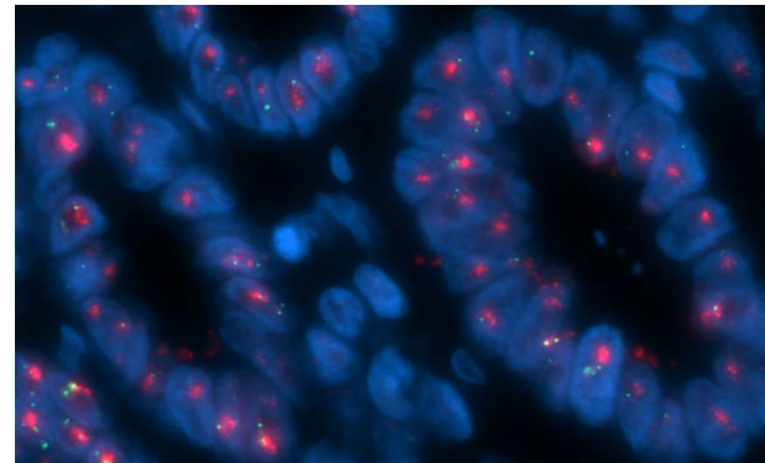
FISH: no amplification  
(consistent with NGS results)

**ERBB2/CEN17**



**ERBB2 CEN17**

Representative FISH image, c

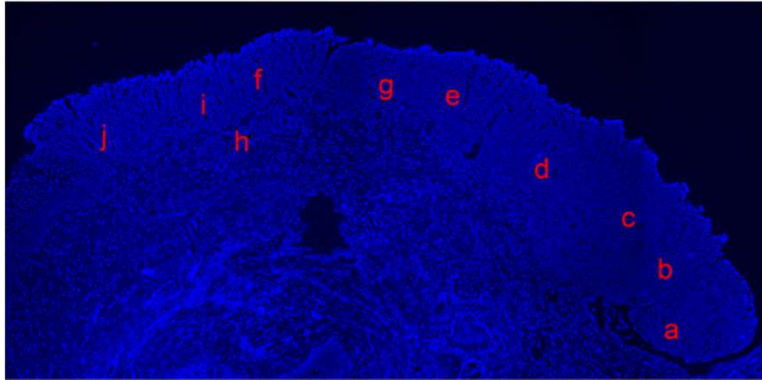


FISH: amplification  
(consistent with NGS results)

FISH results

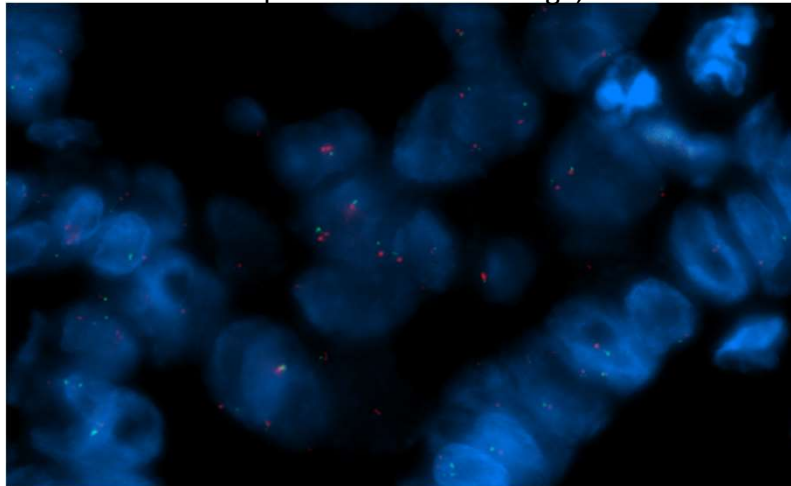
25)HGD3=HGD2B(?) in excel file

*KRAS/CEN12*



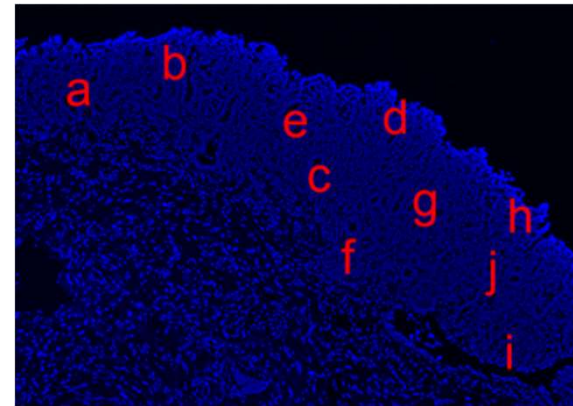
*KRAS* *CEN12*

Representative FISH image, h



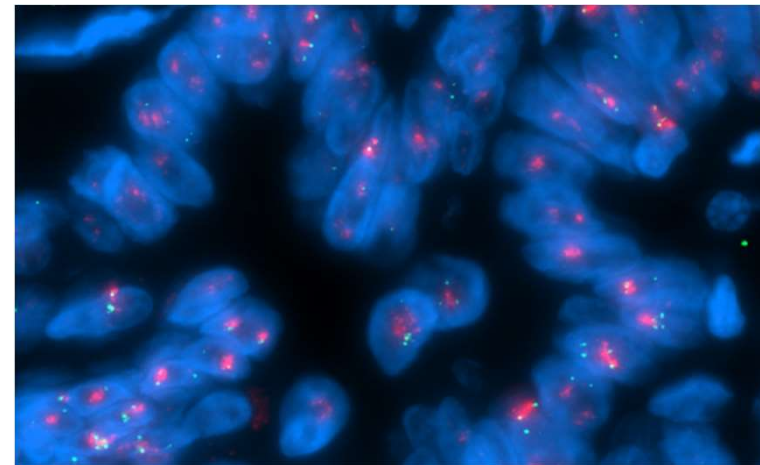
FISH: no amplification  
(consistent with NGS results)

*ERBB2/CEN17*



*ERBB2* *CEN17*

Representative FISH image, f



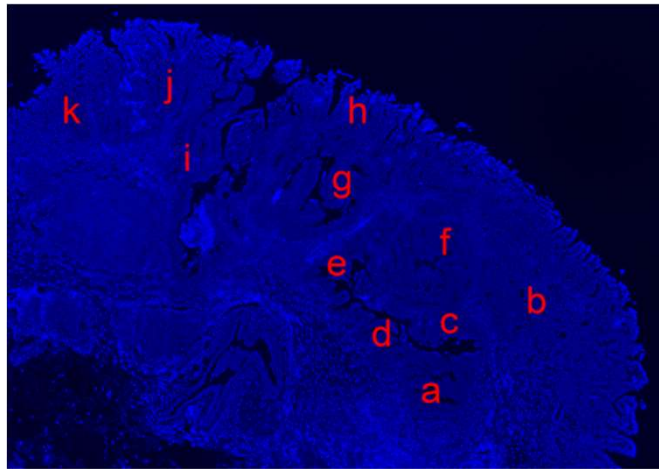
FISH: amplification  
(consistent with NGS results)



FISH results

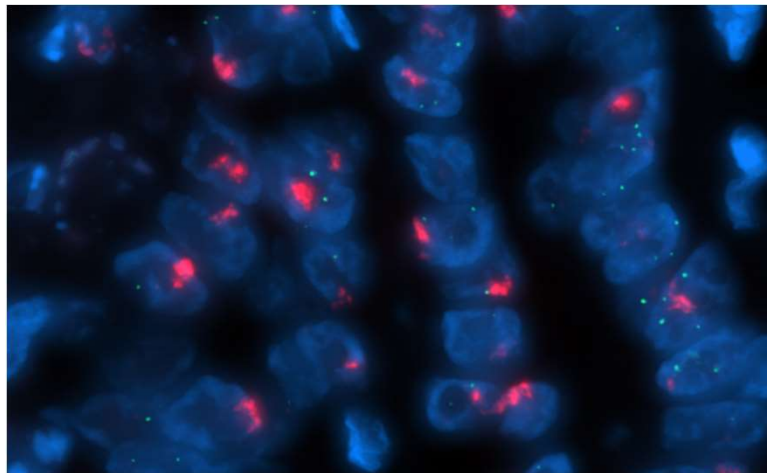
26)IMEAC1

**KRAS/CEN12**



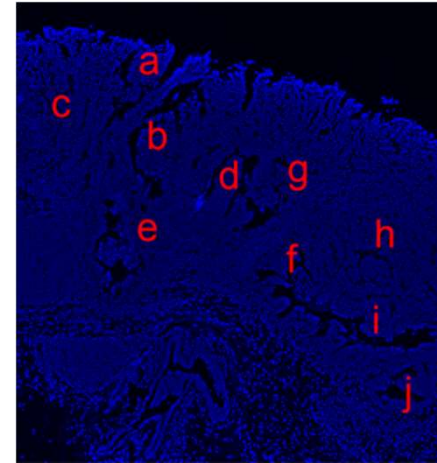
**KRAS CEN12**

Representative FISH image, h



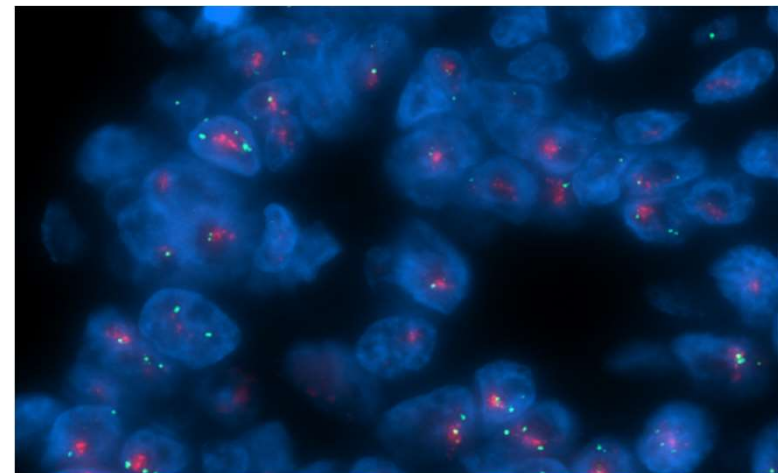
FISH: amplification  
(consistent with NGS results)

**ERBB2/CEN17**



**ERBB2 CEN17**

Representative FISH image, a

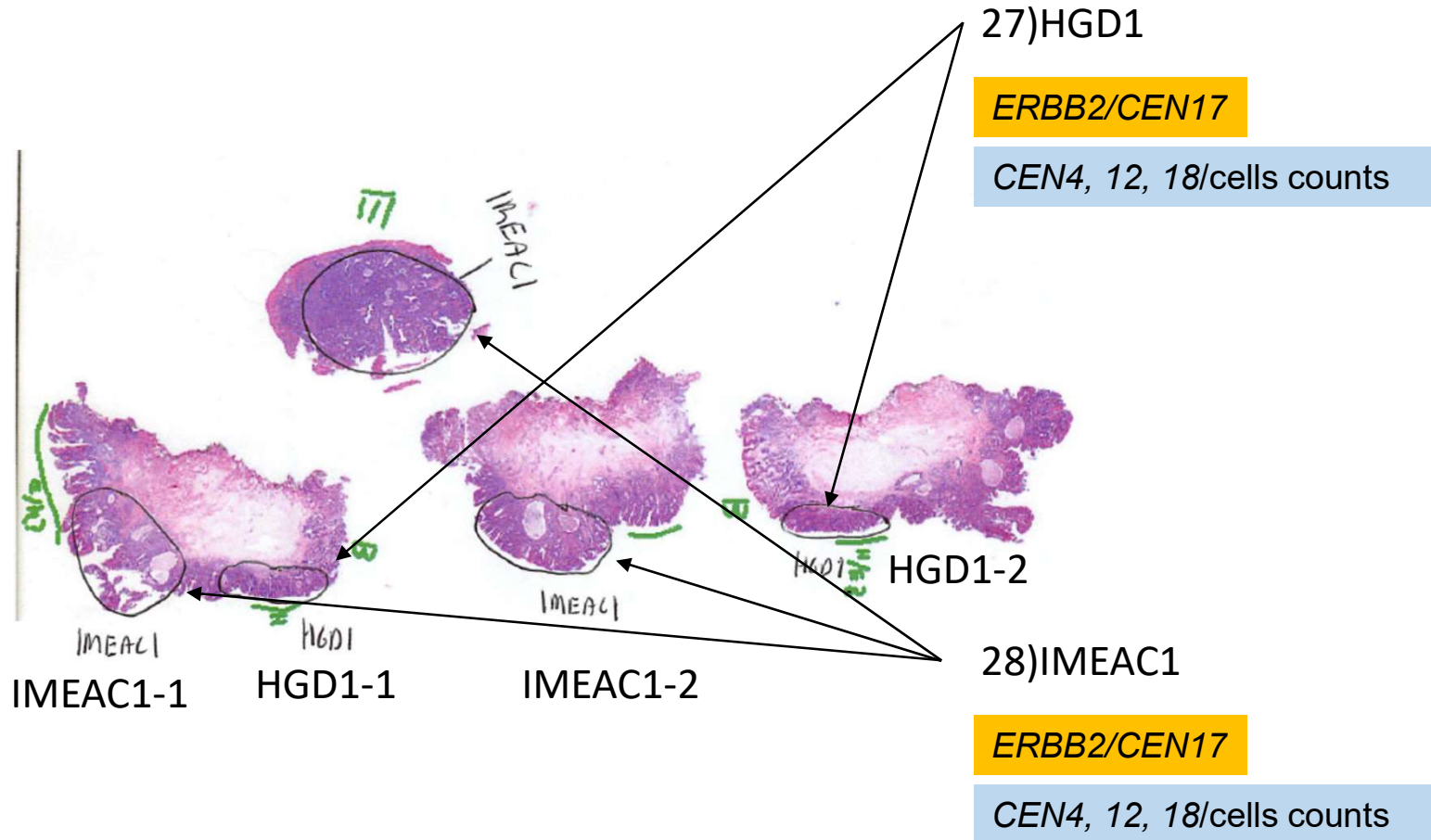


FISH: amplification  
(consistent with NGS results)



Patient M012-

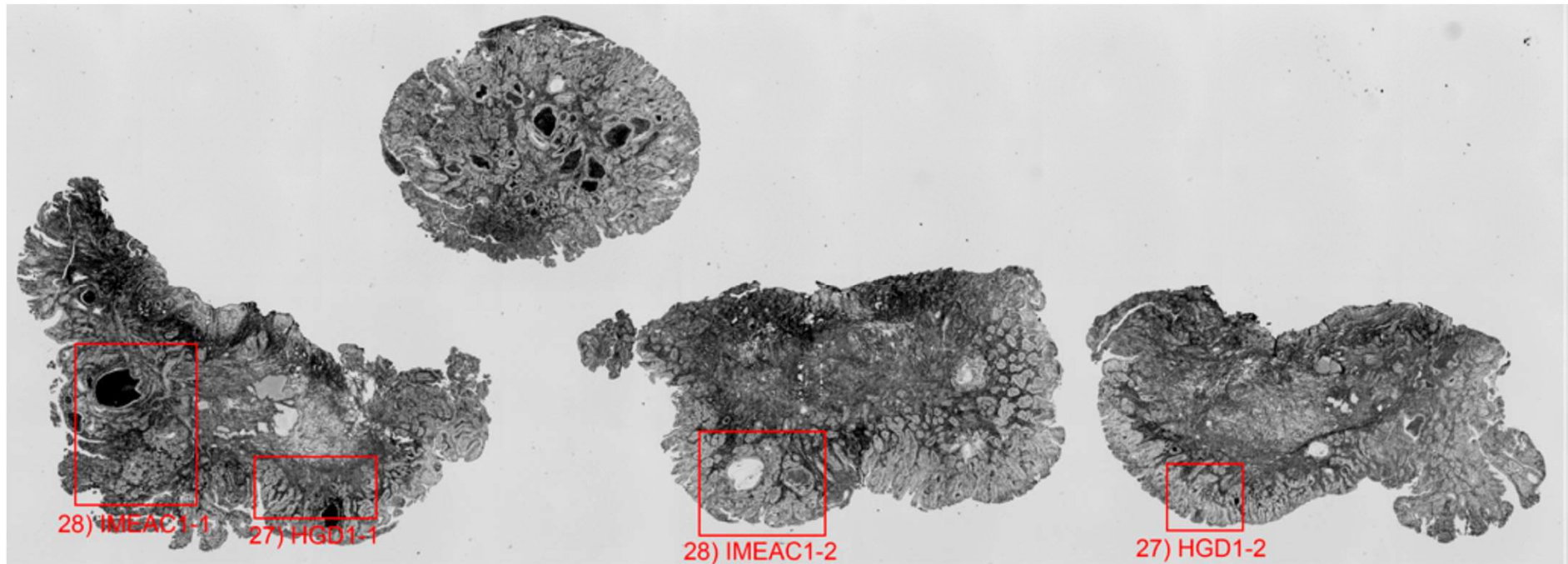
TD012-E1



## NGS results

27)	M012-	HGD	M012-HGD1	<b>TD012-E1</b>	ERBB2
28)	M012-	IMEAC	M012-IMEAC1	<b>TD012-E1</b>	ERBB2

## FISH mapping

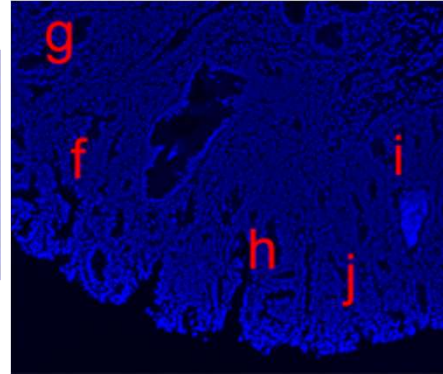
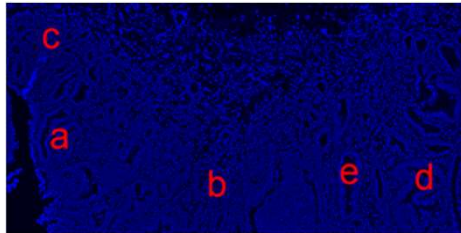


FISH results

**ERBB2/CEN17**

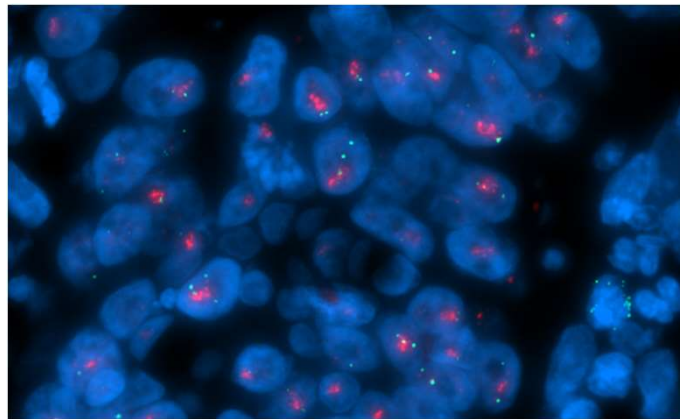
HGD1-2

HGD1-1



**ERBB2 CEN17**

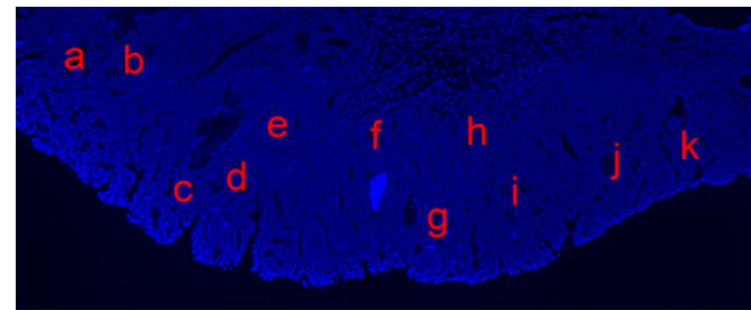
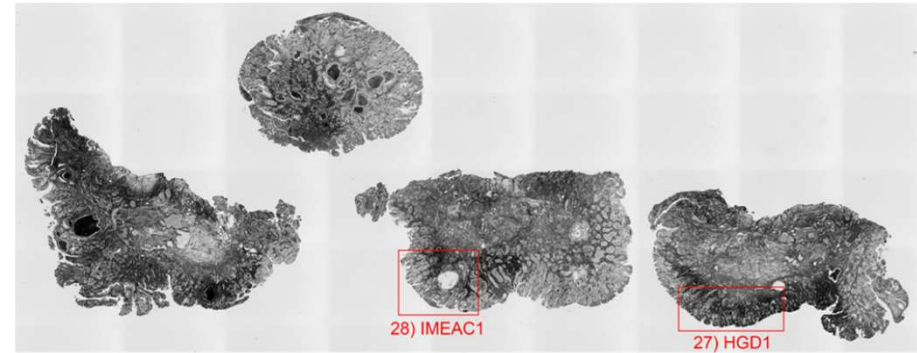
Representative FISH image, a



FISH: amplification  
(consistent with NGS results)

27)HGD1

**CEN4, 12, 18/cells counts**



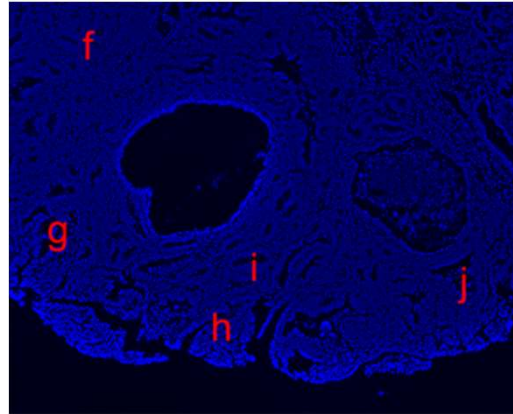
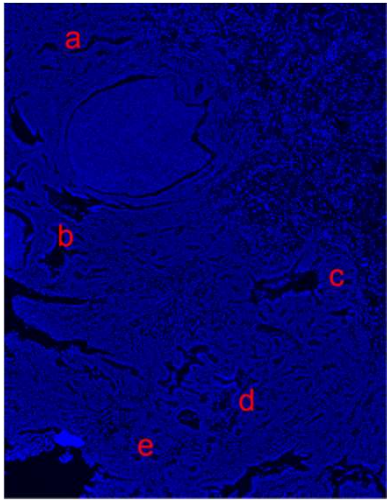
Please see the Excel file



# FISH results

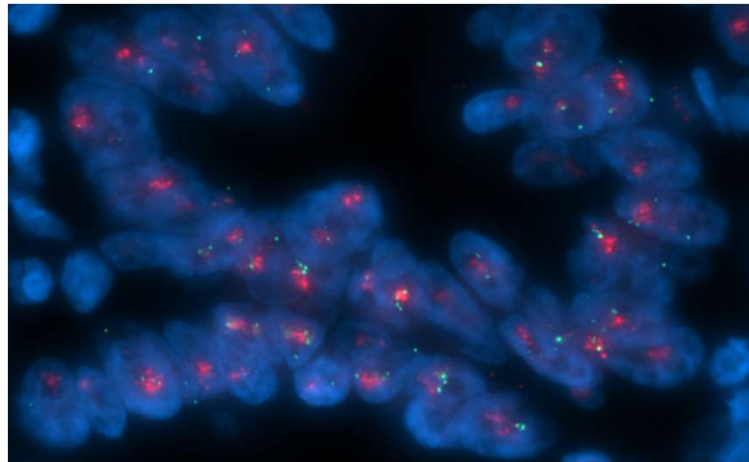
## 28)IMEAC1

**ERBB2/CEN17**



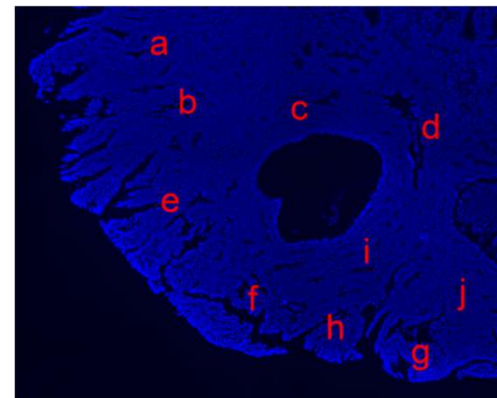
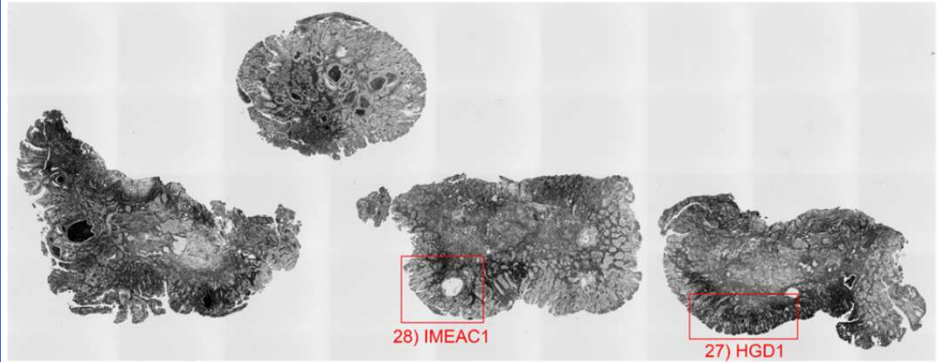
**ERBB2 CEN17**

Representative FISH image, e



FISH: amplification  
(consistent with NGS results)

**CEN4, 12, 18/cells counts**



Please see the Excel file

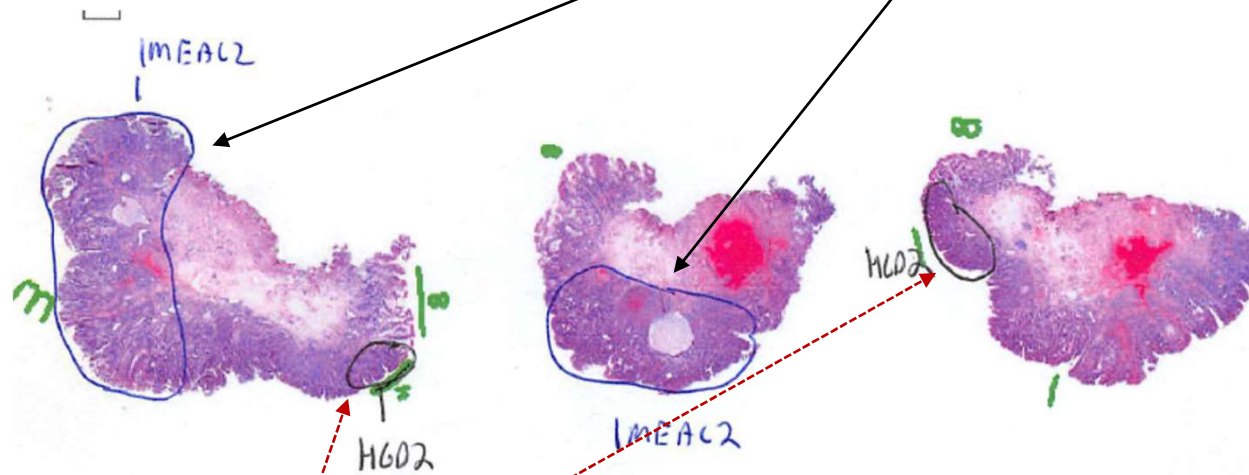
Patient M012-

TD012-F1

29)IMEAC2

ERBB2/CEN17

CEN3, 11, 18/cells counts



f)HGD2

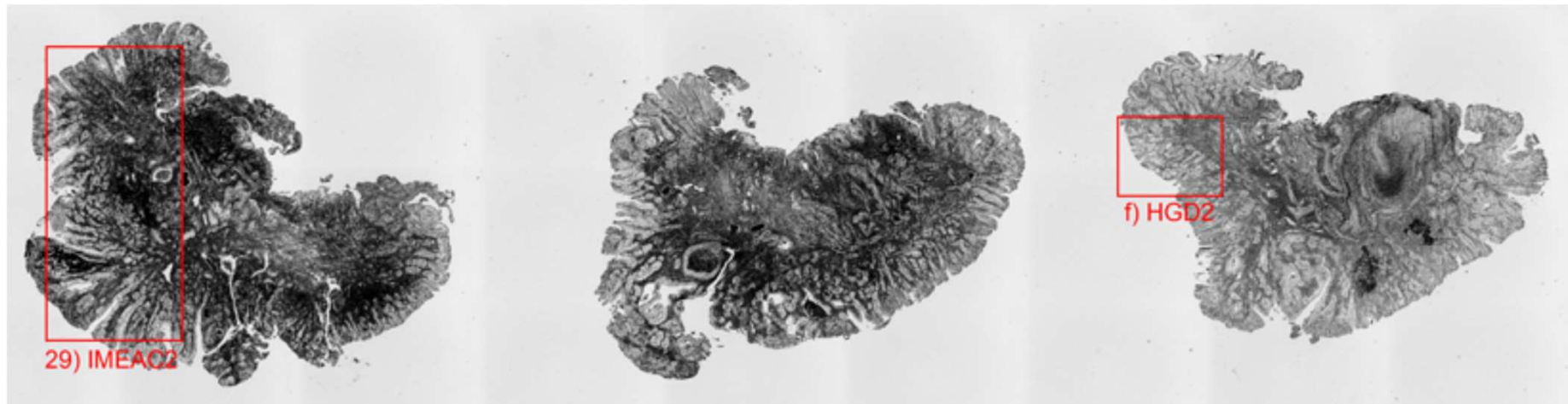
ERBB2/CEN17

CEN3, 11, 18/cells counts

## NGS results

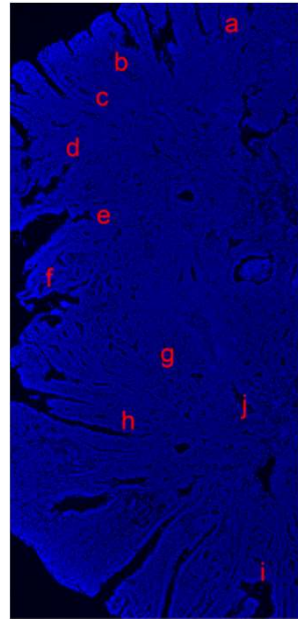
29)	M012-	IMEAC	M012-IMEAC2	<b>TD012-F1</b>	ERBB2
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## FISH mapping



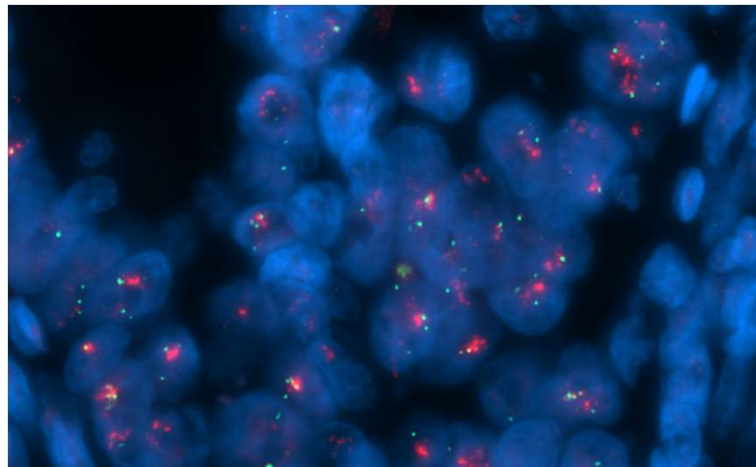
# FISH results

**ERBB2/CEN17**



**ERBB2 CEN17**

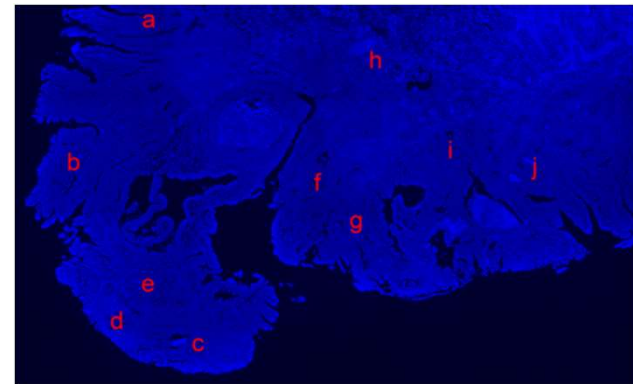
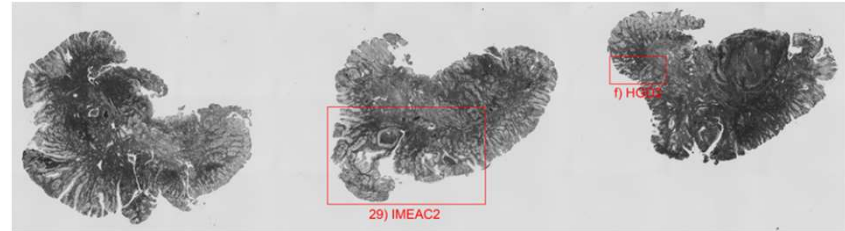
Representative FISH image, a



**FISH: amplification  
(consistent with NGS results)**

# 29)IMEAC2

**CEN3, 11, 18/cells counts**

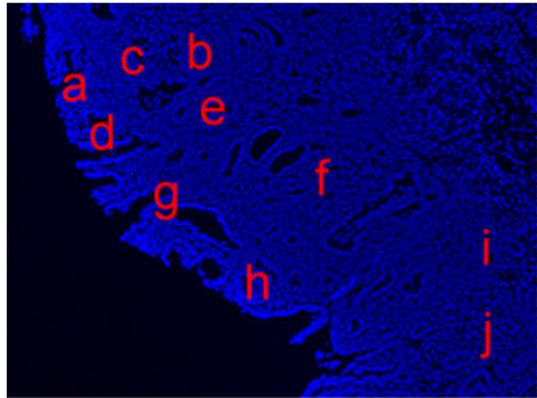


Please see the Excel file



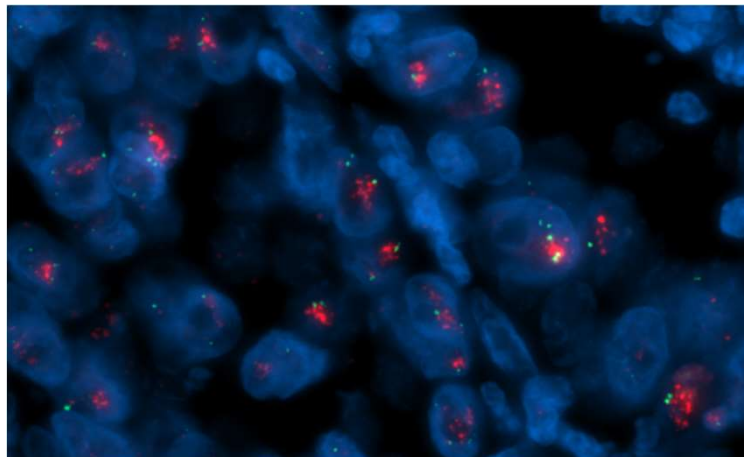
# FISH results

**ERBB2/CEN17**



**ERBB2 CEN17**

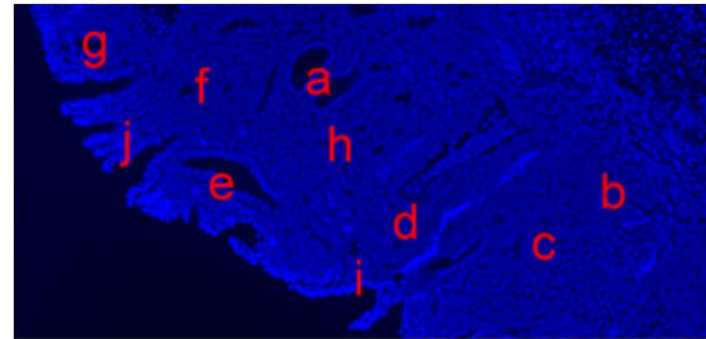
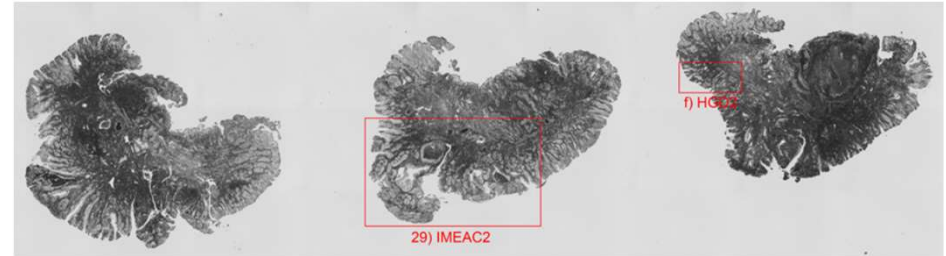
Representative FISH image, c



FISH: amplification

## f)HGD2

**CEN3, 11, 18/cells counts**



Please see the Excel file

Patient M013-

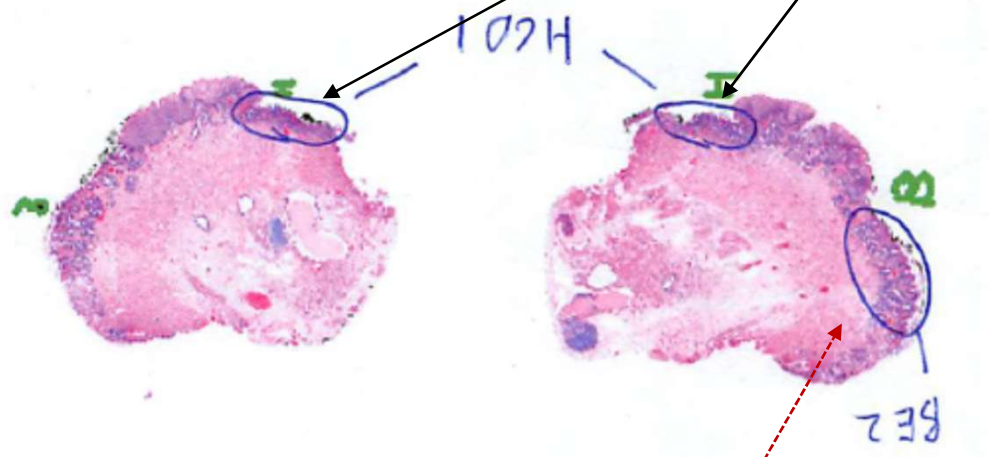
Patient M013-

TD013-B1

30)HGD1

ERBB2/CEN17

CEN5, 13/cells counts



g)BE2

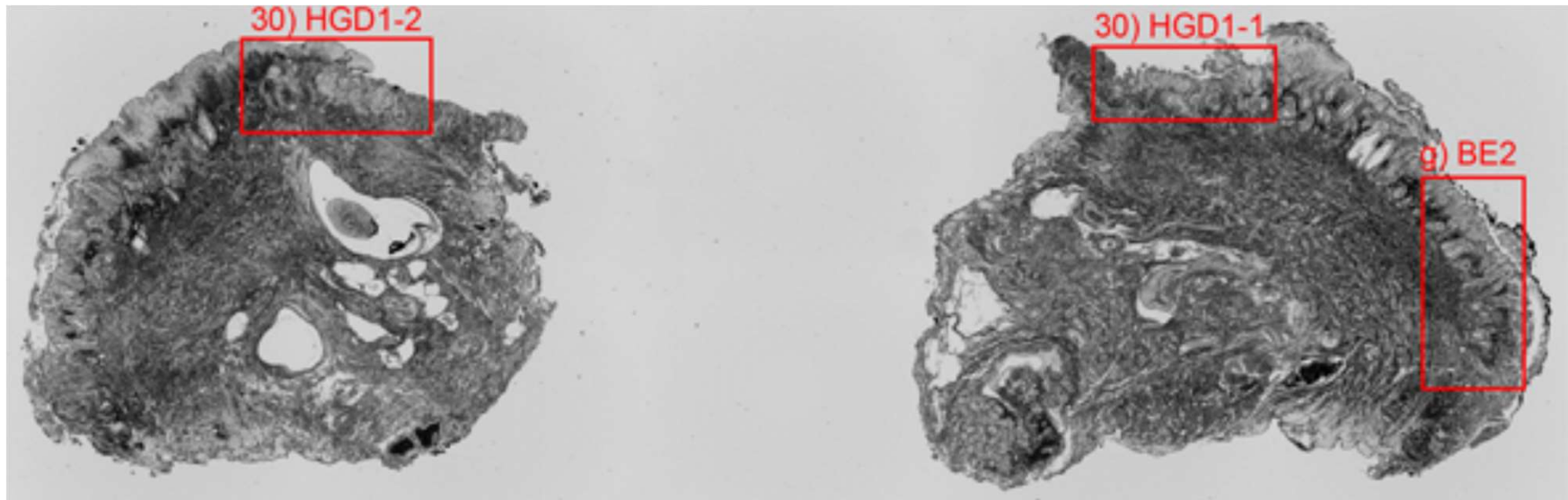
ERBB2/CEN17

CEN5, 13/cells counts

## NGS results

30)	M013-	HGD	M013-HGD1	<b>TD013-B1</b>	ERBB2
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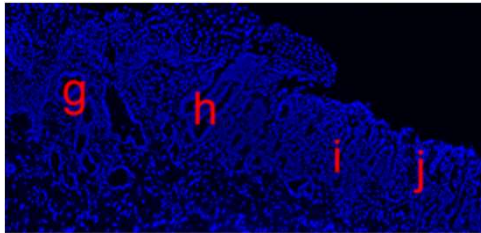
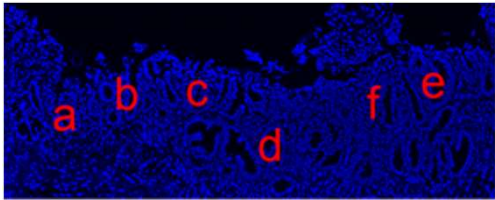
## FISH mapping





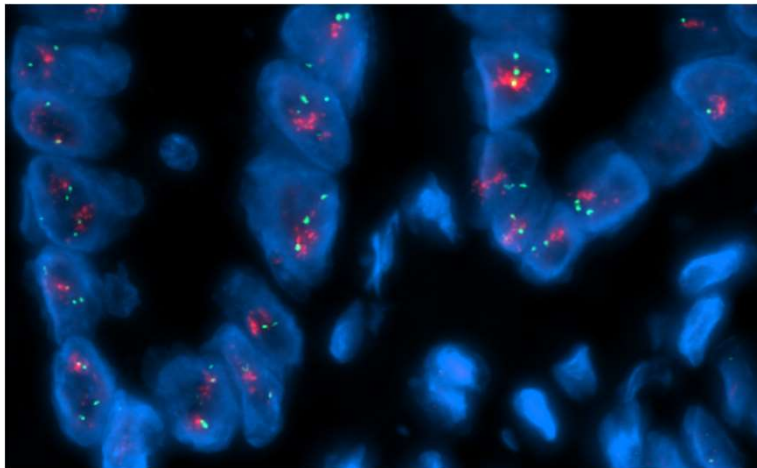
# FISH results

**ERBB2/CEN17**



**ERBB2 CEN17**

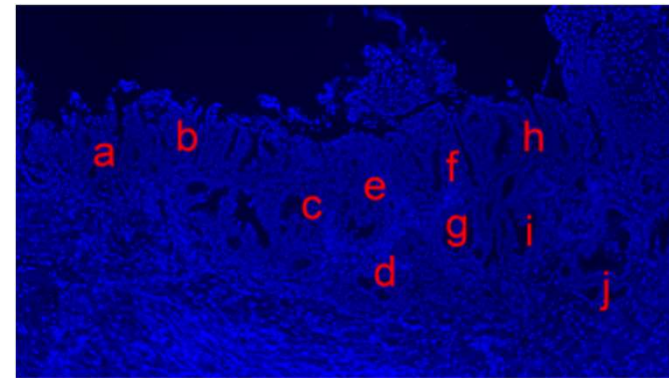
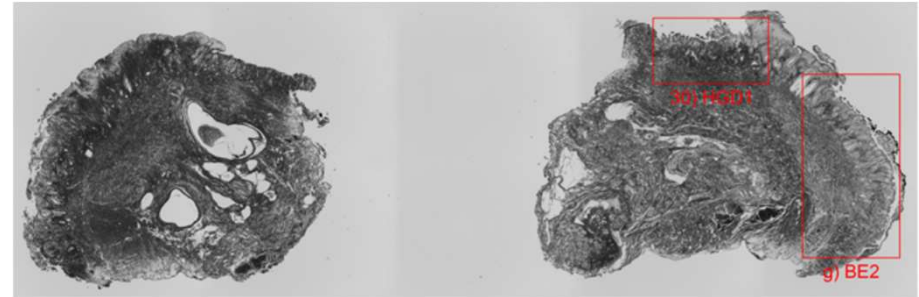
Representative FISH image, b



FISH: amplification  
(consistent with NGS results)

# 30)HGD1

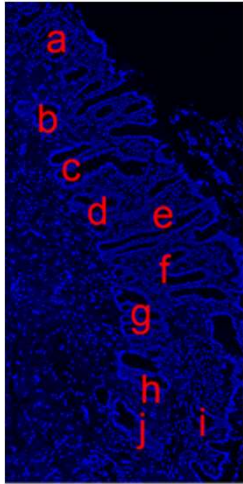
**CEN5, 13/cells counts**



Please see the Excel file

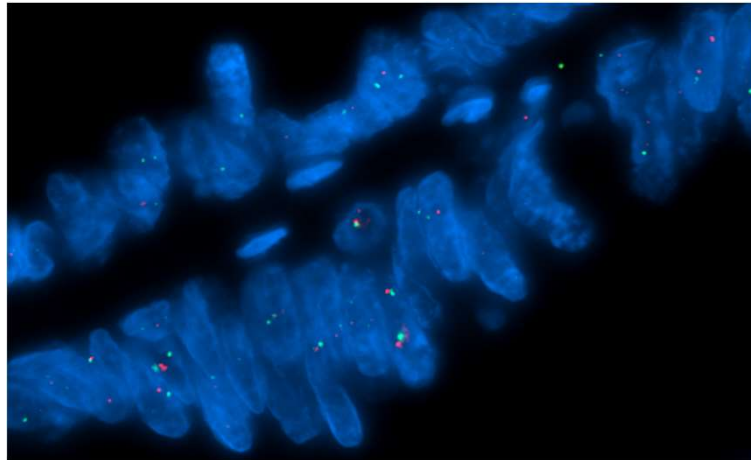
# FISH results

ERBB2/CEN17



ERBB2 CEN17

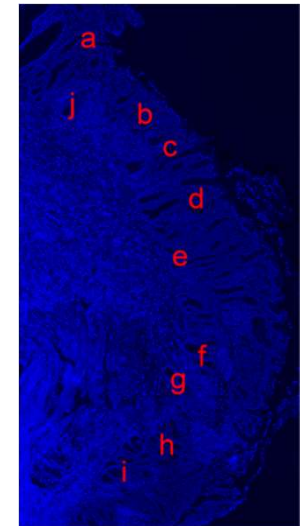
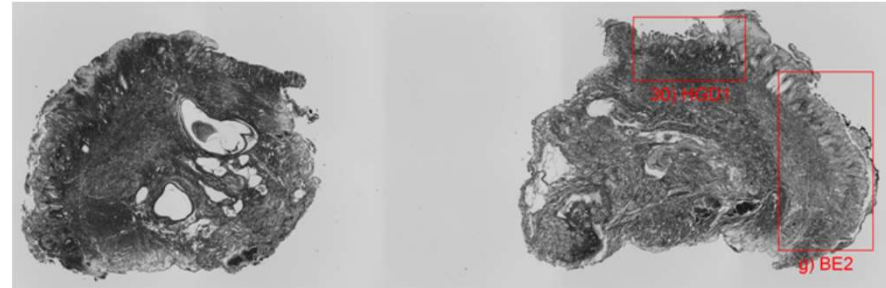
Representative FISH image, c



FISH: no amplification

g)BE2

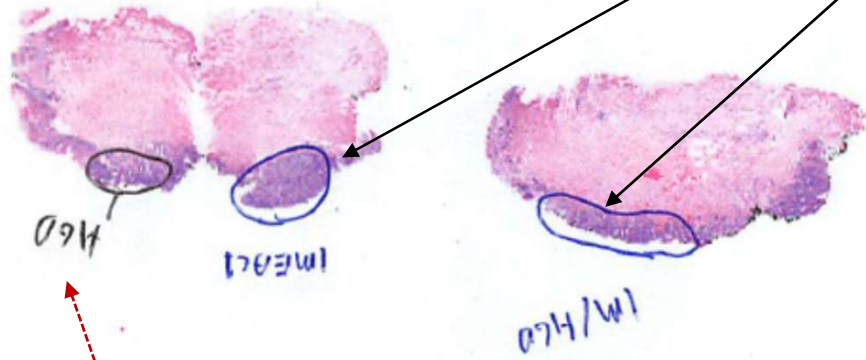
CEN5, 13/cells counts



Please see the Excel file

Patient M013-

TD013-C1



31)IMEAC1

ERBB2/CEN17

CEN5, 13, 22/cells counts

h)HGD

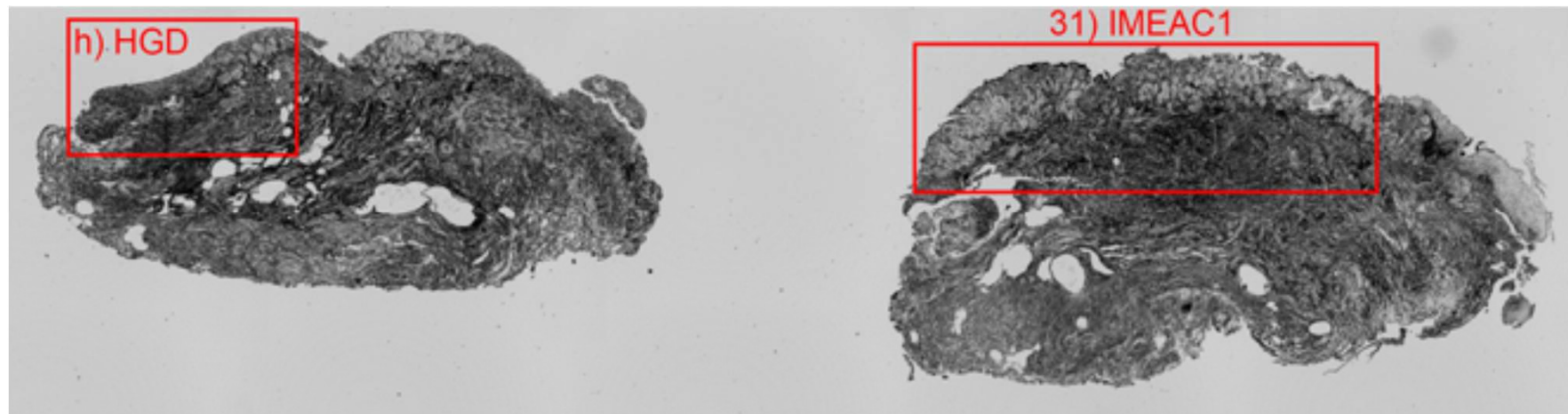
ERBB2/CEN17

CEN5, 13, 22/cells counts

## NGS results

31)	M013-	IMEAC	M013-IMEAC	<b>TD013-C1</b>	ERBB2
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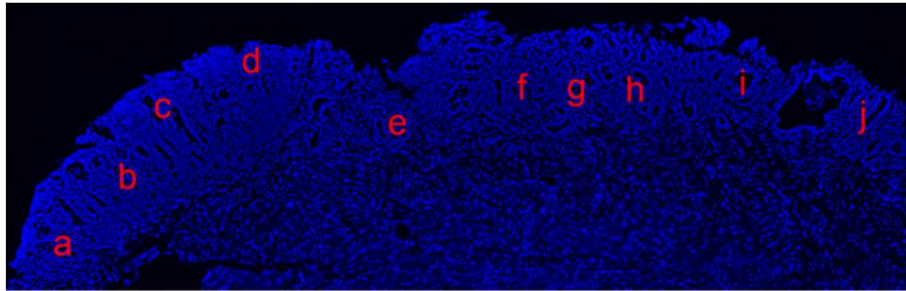
## FISH mapping





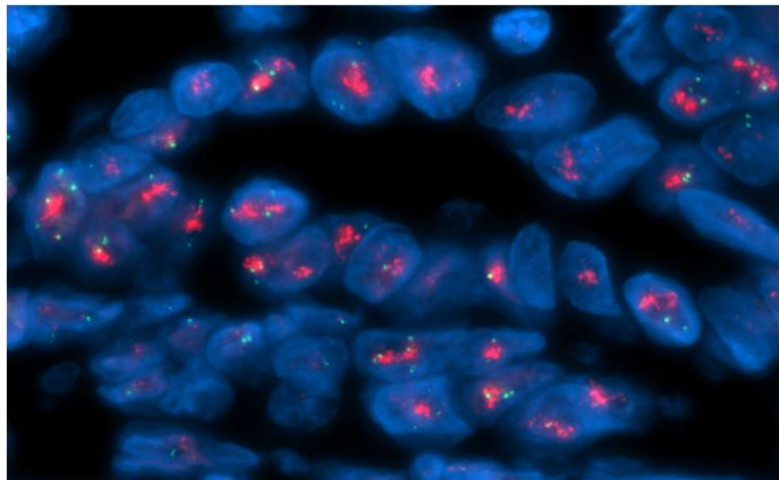
FISH results

**ERBB2/CEN17**



**ERBB2 CEN17**

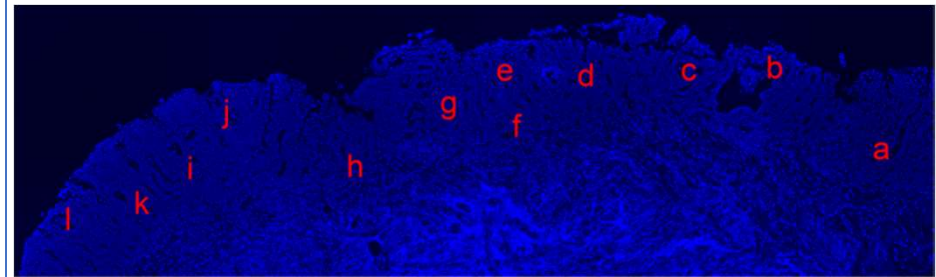
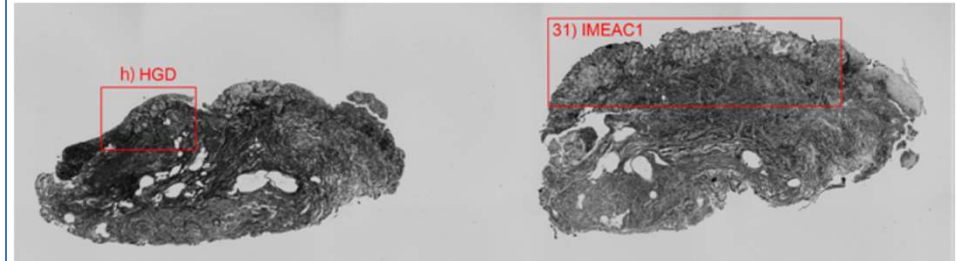
Representative FISH image, a



FISH: amplification  
(consistent with NGS results)

31)IMEAC1

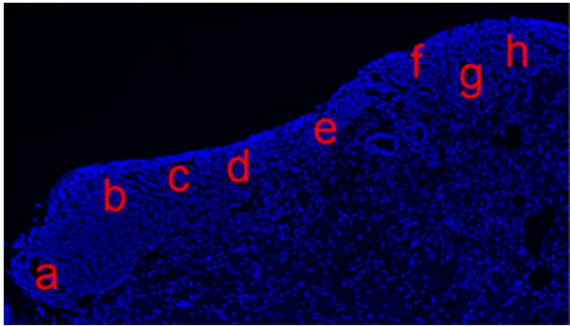
**CEN5, 13, 22/cells counts**



Please see the Excel file

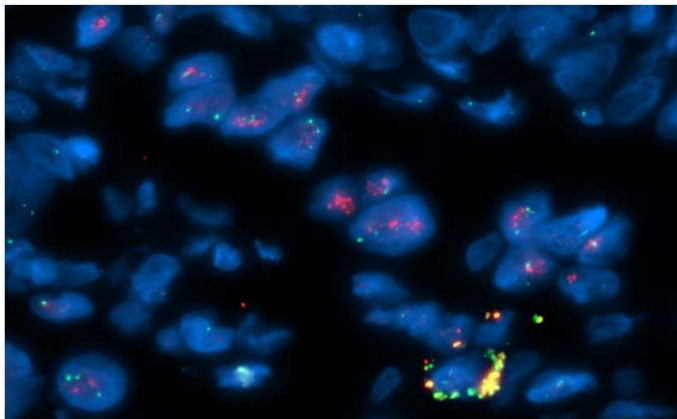
# FISH results

**ERBB2/CEN17**



**ERBB2 CEN17**

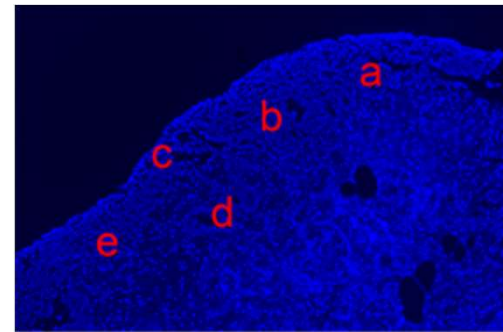
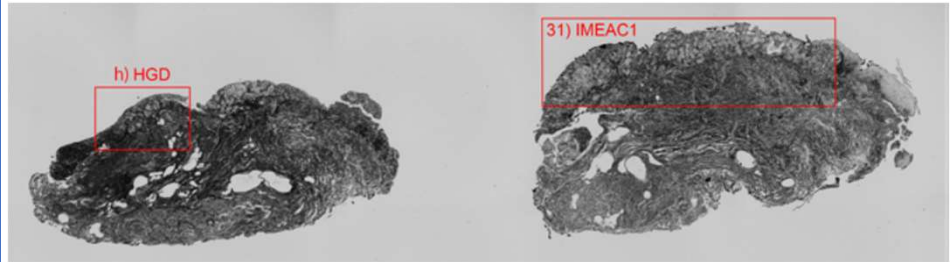
Representative FISH image, c



**FISH: amplification**

# h)HGD

**CEN5, 13, 22/cells counts**



Please see the Excel file

Patient M016-

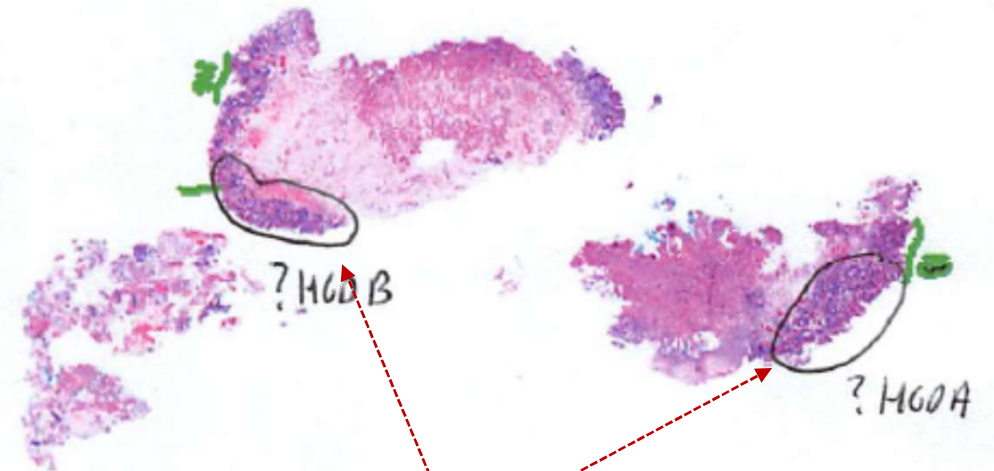
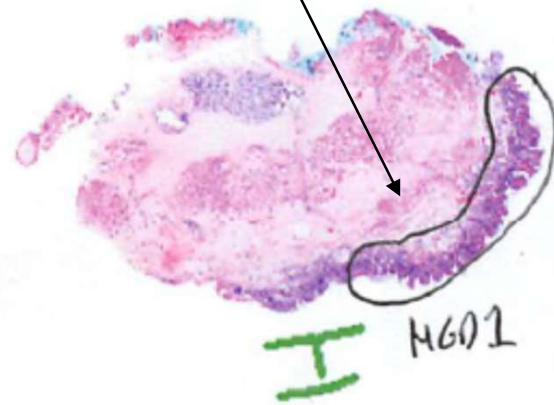
Patient M016-

TD016-A1

32)HGD1

ERBB2/CEN17

MYC/CEN8



i)HGD2

ERBB2/CEN17

MYC/CEN8

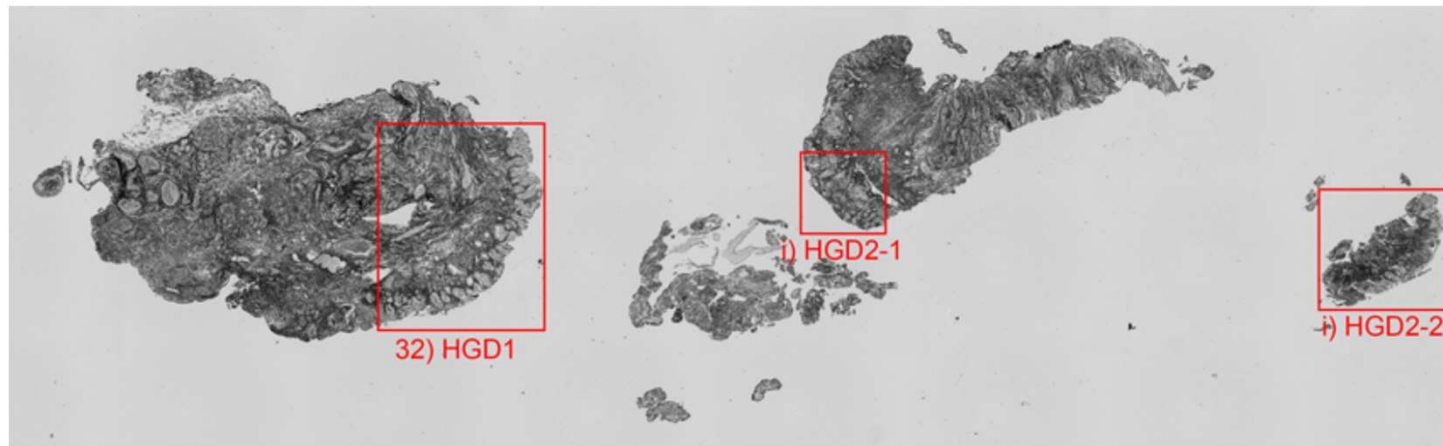


## NGS results

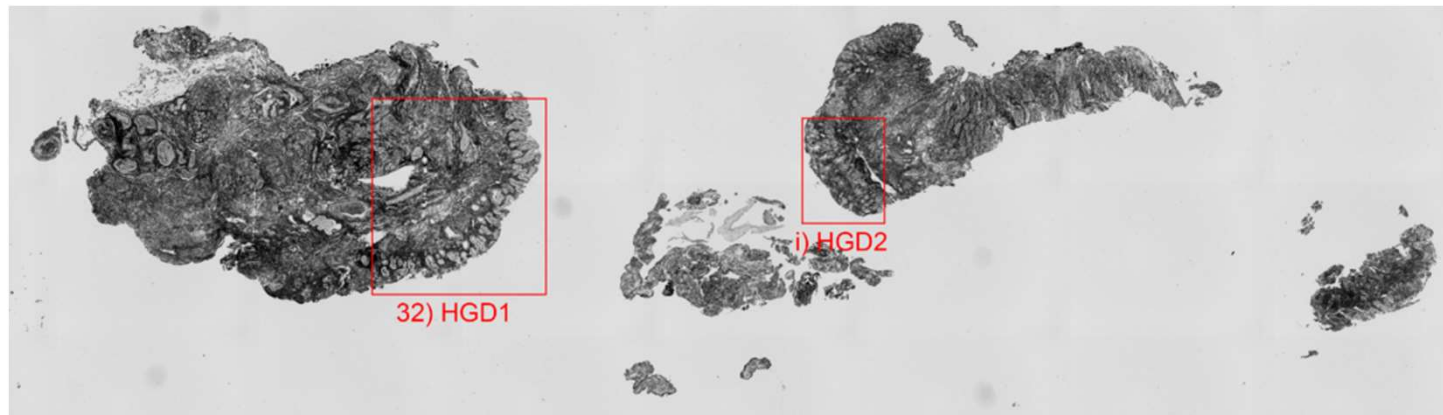
32)	M016-	HGD	M016-HGD1	TD016-A1	
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## FISH mapping

### MYC



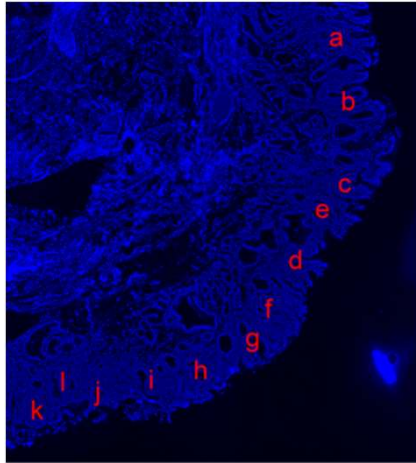
### ERBB2



FISH results

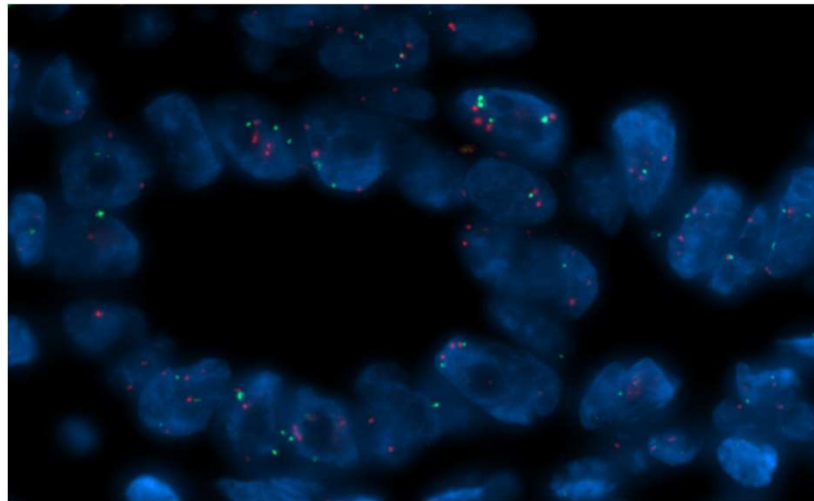
32)HGD1

**MYC/CEN8**



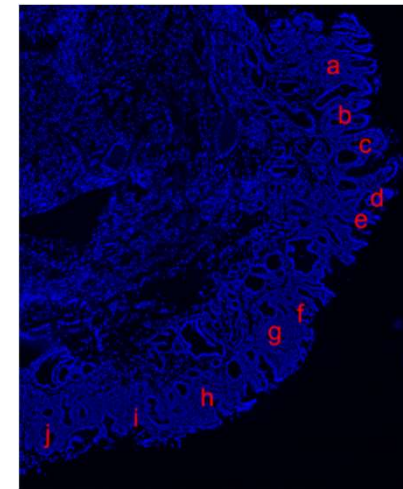
**MYC** **CEN8**

Representative FISH image, b



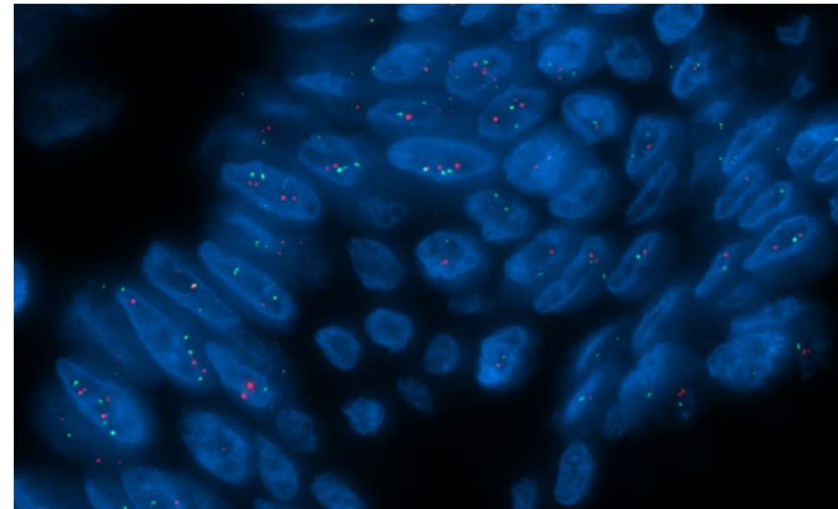
FISH: no amplification  
(consistent with NGS results)

**ERBB2/CEN17**



**ERBB2** **CEN17**

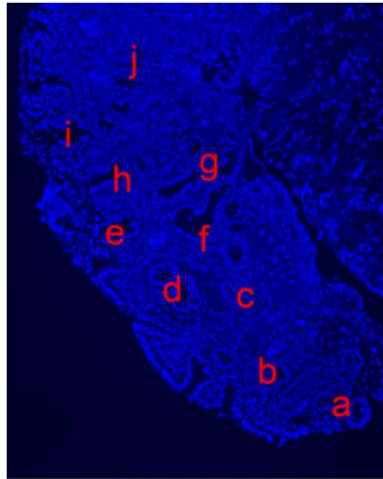
Representative FISH image, d



FISH: no amplification  
(consistent with NGS results)

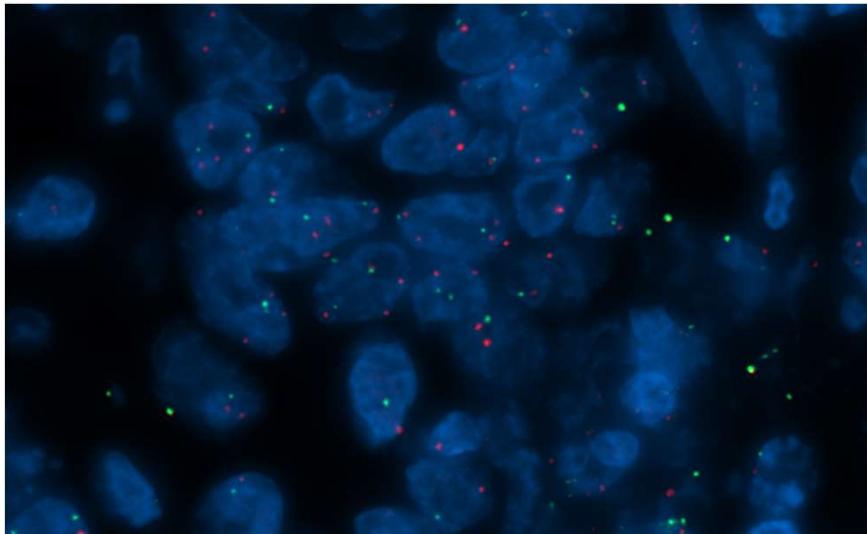
FISH results

MYC/CEN8



MYC CEN8

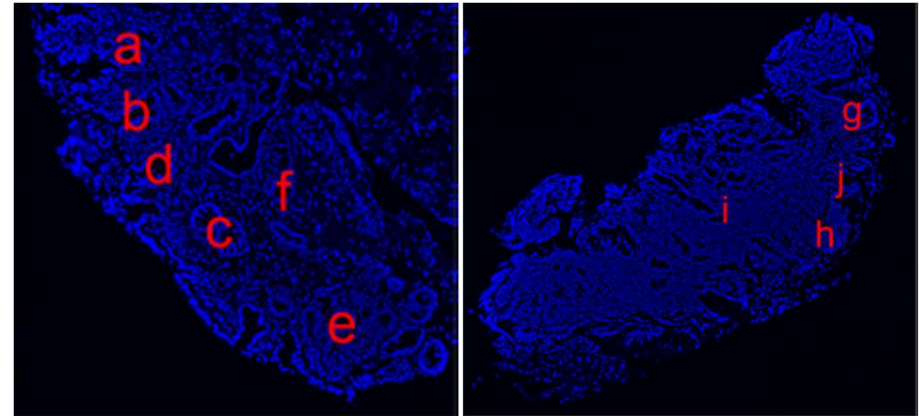
Representative FISH image, b



FISH: no amplification

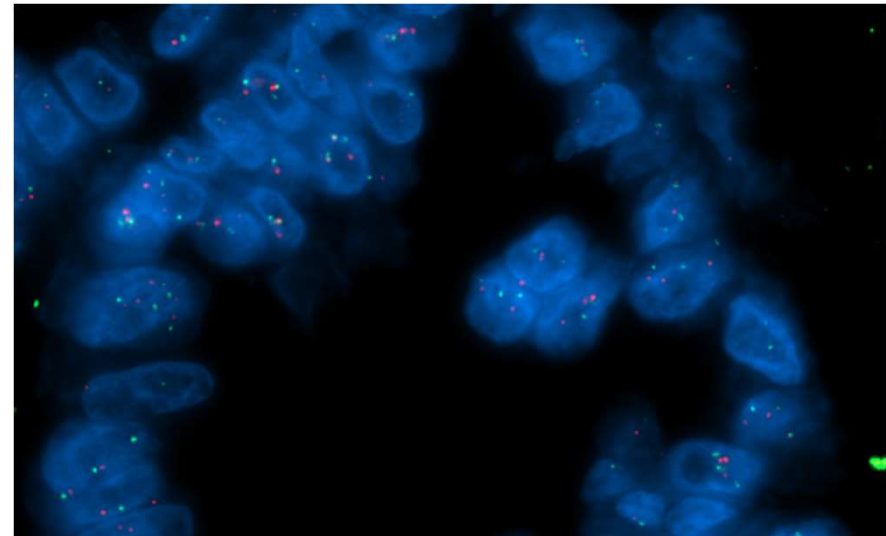
i)HGD2

ERBB2/CEN17



ERBB2 CEN17

Representative FISH image, c



FISH: no-very low amplification

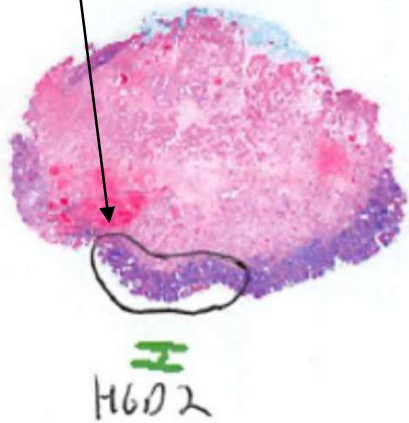
Patient M016-

TD016-B1

33)HGD2

ERBB2/CEN17

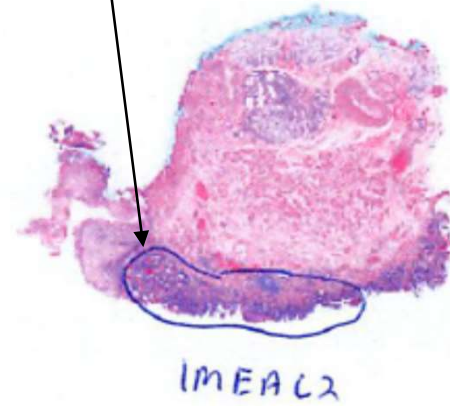
MYC/CEN8



34)IMEAC2

ERBB2/CEN17

MYC/CEN8

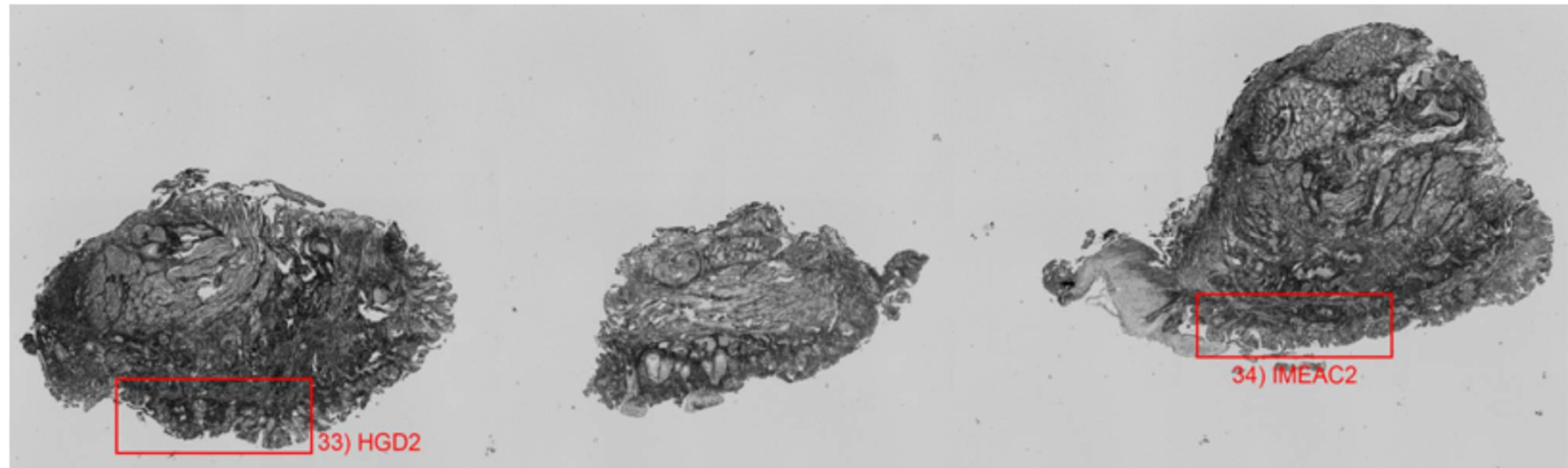




## NGS results

33)	M016-	HGD	M016-HGD2	<b>TD016-B1</b>	MYC LOW
34)	M016-	IMEAC	M016-IMEAC2	<b>TD016-B1</b>	MYC LOW

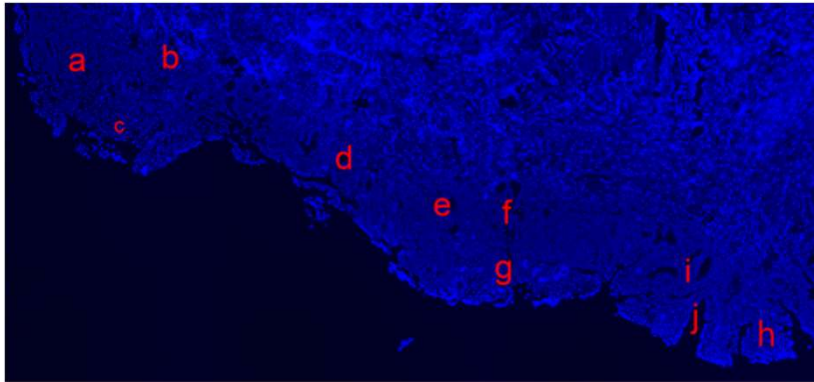
## FISH mapping



FISH results

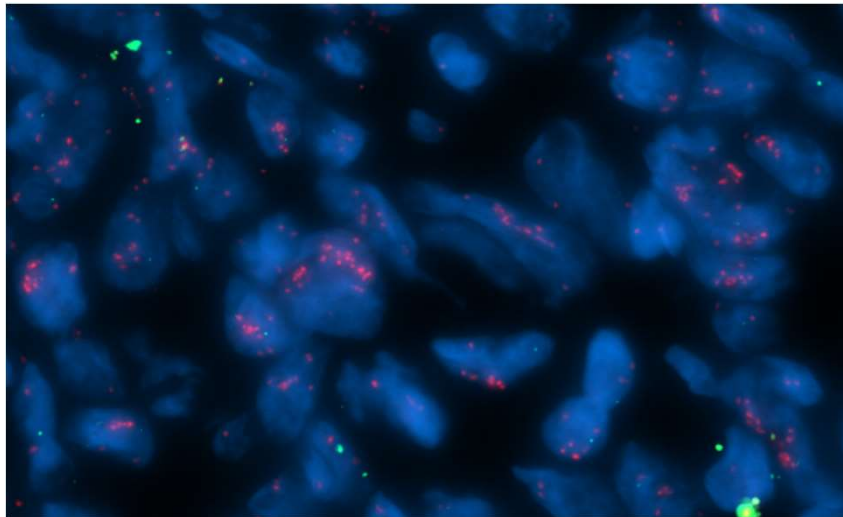
33)HGD2

**MYC/CEN8**



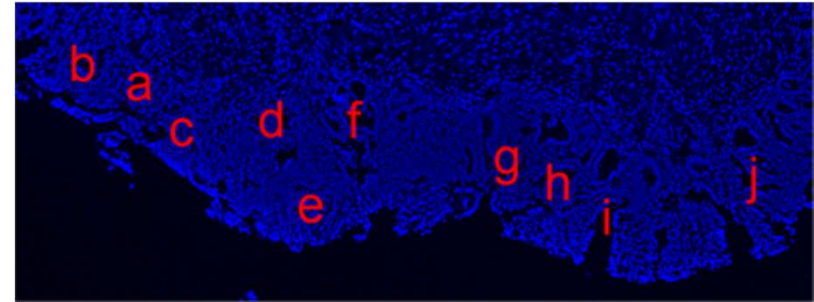
**MYC CEN8**

Representative FISH image, a



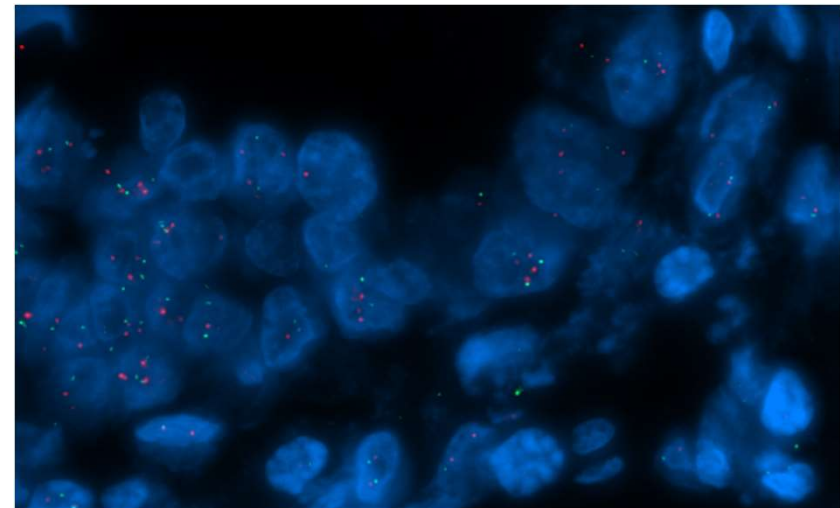
**FISH: amplification  
(consistent with NGS results, but not low level )**

**ERBB2/CEN17**



**ERBB2 CEN17**

Representative FISH image, h

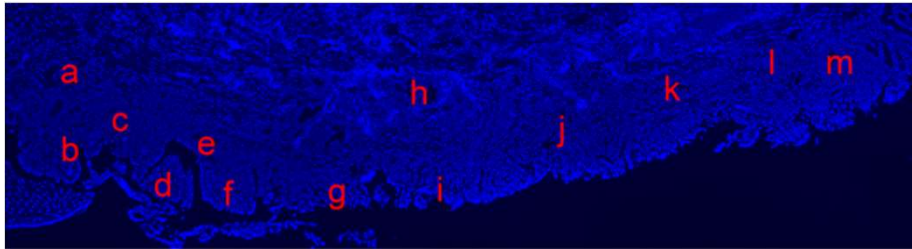


**FISH: no- very low amplification  
(consistent? with NGS results)**

FISH results

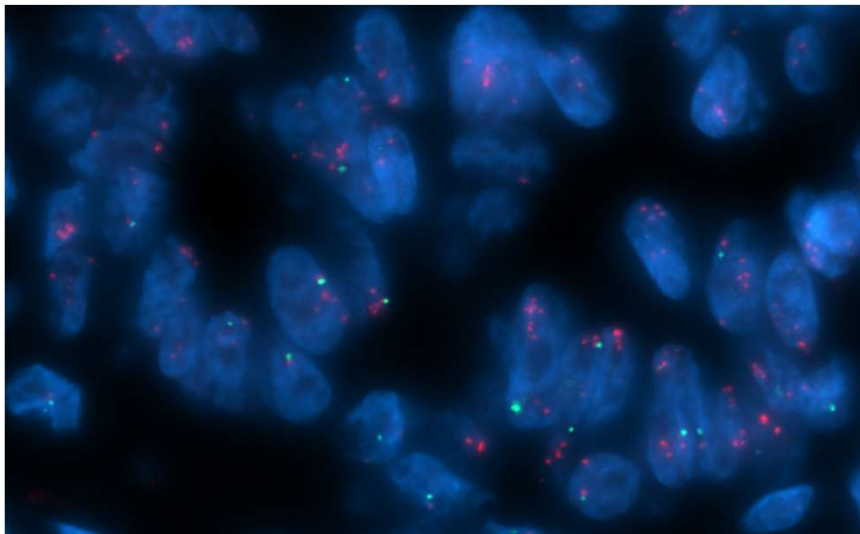
34)IMEAC2

MYC/CEN8



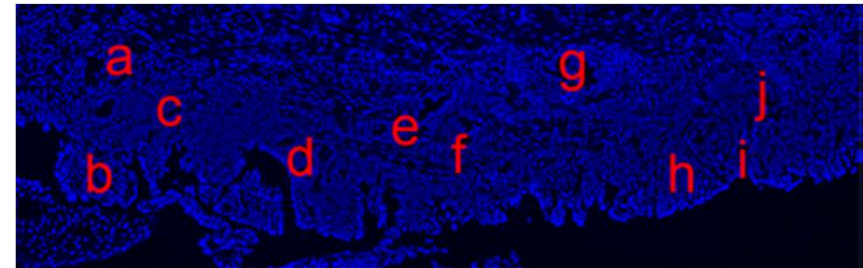
MYC CEN8

Representative FISH image, a

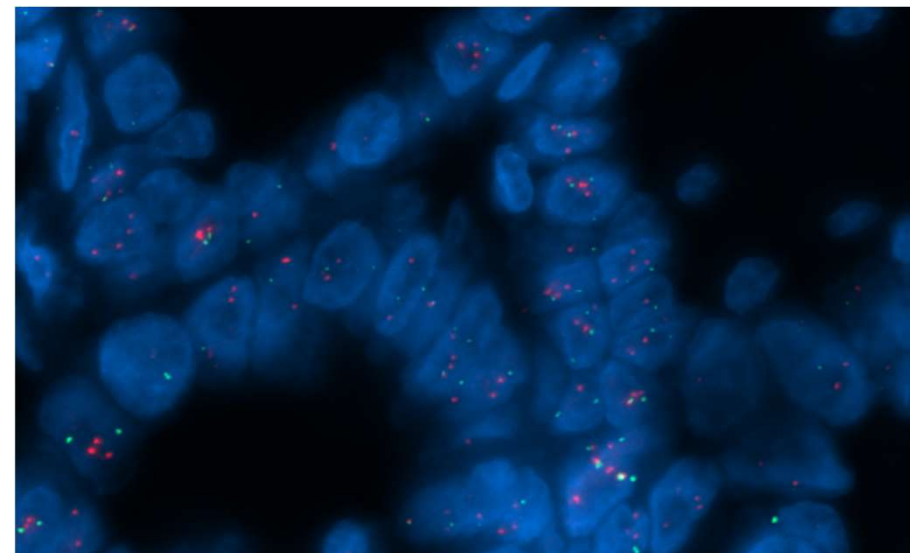


FISH: amplification (not so high level)  
(consistent with NGS results)

ERBB2/CEN17



ERBB2 CEN17



FISH: no- very low amplification  
(consistent? with NGS results)

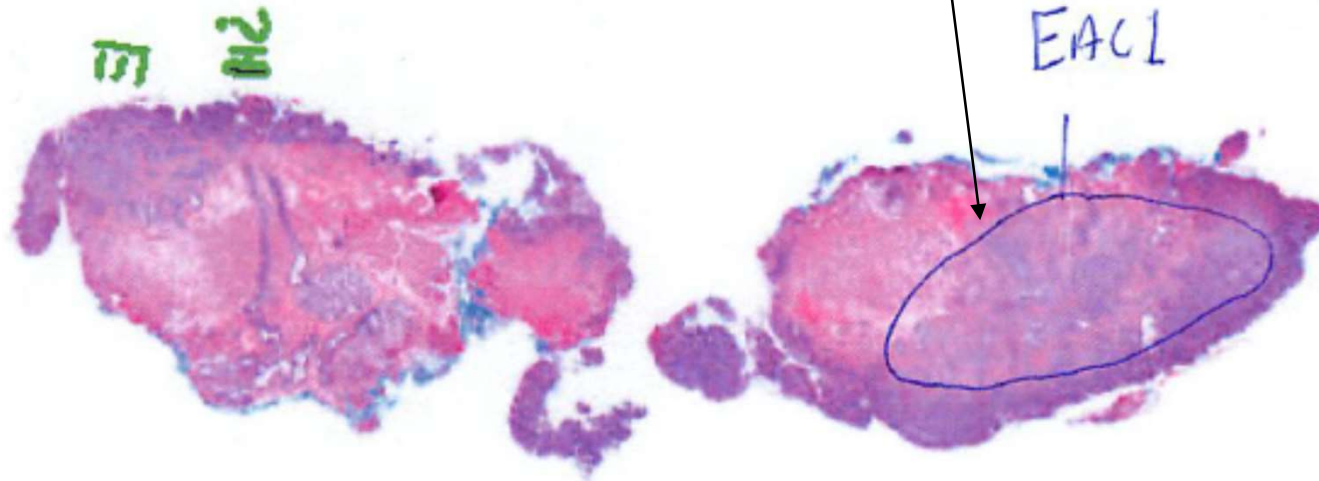
Patient M016-

TD016-C1

35)EAC1

ERBB2/CEN17

MYC/CEN8

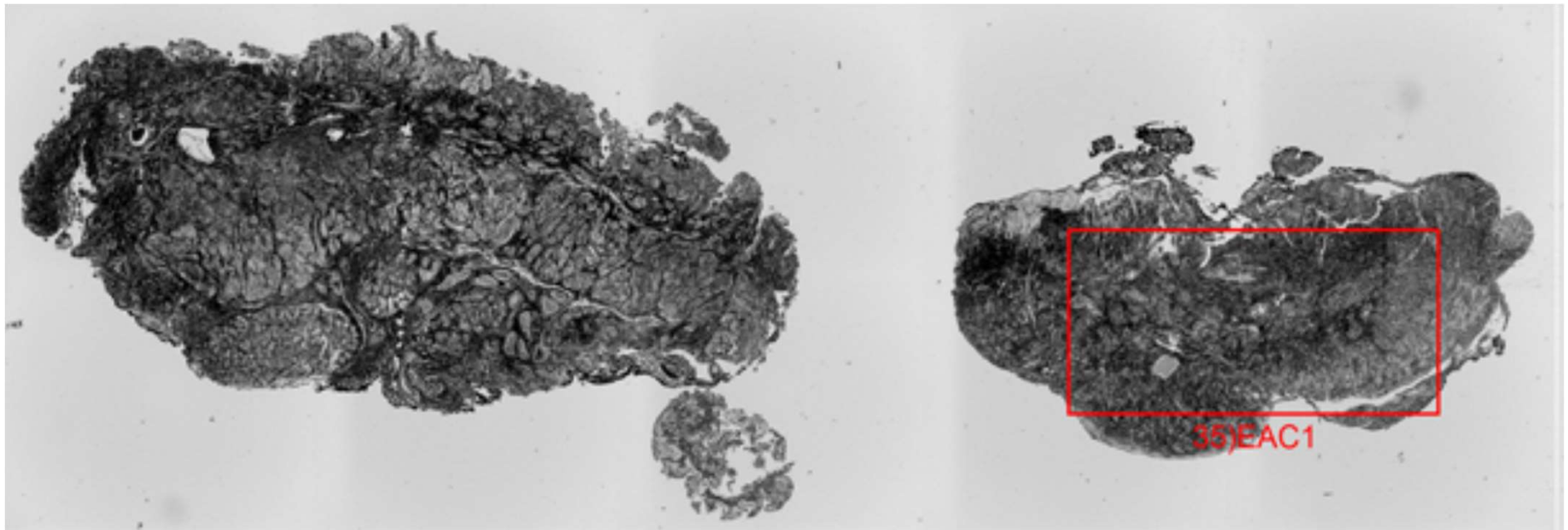




## NGS results

35)	M016-	EAC	M016-EAC1	<b>TD016-C1</b>	MYC
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## FISH mapping

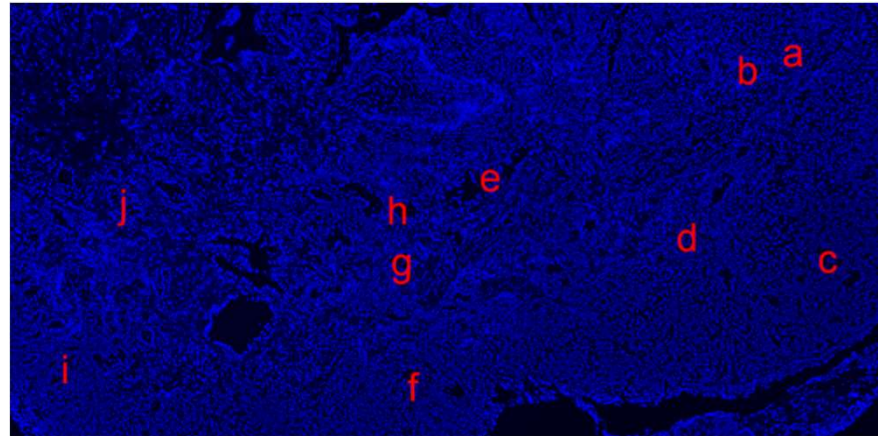


FISH results

35)EAC1

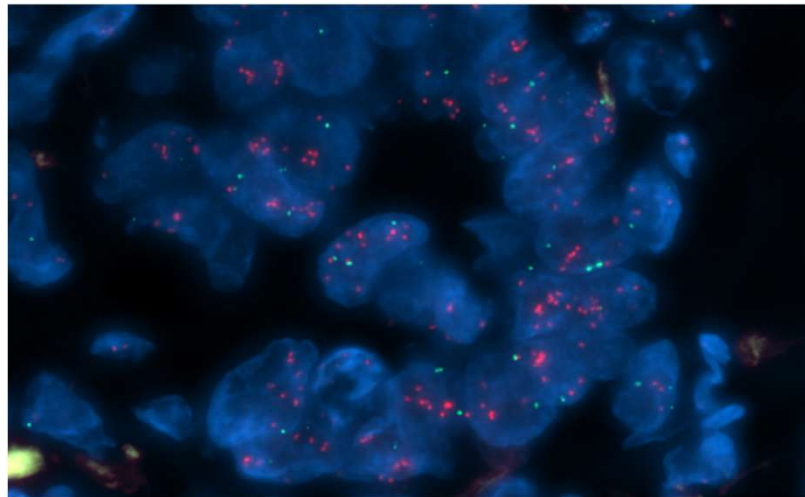
MYC/CEN8

ERBB2/CEN17



MYC CEN8

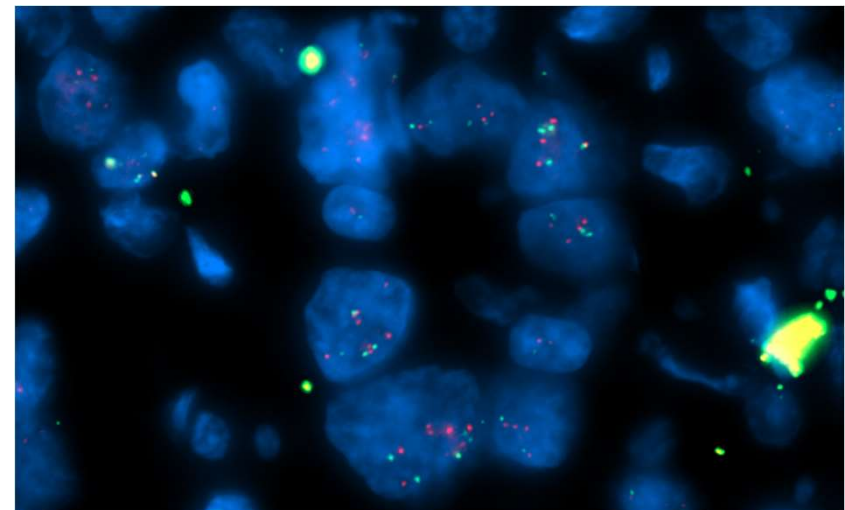
Representative FISH image, g



FISH: amplification  
(consistent with NGS results)

ERBB2 CEN17

Representative FISH image, d



FISH: no- very low amplification  
(consistent? with NGS results)