Supplementary Table. Characteristics of allele frequency of the identified mutations

Patients who fulfill NIFTP 2016 and NIFTP 2018 diagnostic criteria				
Case number	**Gene**	**Mutation position**	**AA change**	**Allele frequency (%)**
1	***HRAS***	**c.A182G**	**p.Q61R**	**13**
2	***TP53***	**c.G569A**	**p.C190Y**	**5**
	SMAD4	**G302A**	**p.W101X**	**8**
3	***NRAS***	**c.A182G**	**p.Q61R**	**42**
4	***HRAS***	**c.C100T**	**p.P34S**	**48**
	HNF1A	**c.G599A**	**p.R200Q**	**37**
	TP53	**c.C457T**	**p.Q153X**	**31**
5	***MET***	**c.A3758G**	**p.Y1253C**	**5**
6	***KIT***	**c.G1681A**	**p.G561R**	**4**
7	***KRAS***	**c.A182G**	**p.Q61R**	**4**
	APC	**c.C4348T**	**p.R1450X**	**11**
8	***TP53***	**c.G701T**	**p.R234L**	**4**
9	***KRAS***	**c.A182G**	**p.Q61R**	**8**
10	***ATM***	**c.A1052T**	**p.D351V**	**34**
11	***SMARCB1***	**c.G152A**	**p.W51X**	**6**
	KIT	**c.G1576A**	**p.V526I**	**34**
12	***PTEN***	**c.C1030T**	**p.Q344X**	**7**
13	***KRAS***	**c.G40A**	**p.V14I**	**4**
Patients who fulfill only NIFTP 2016 diagnostic criteria				
Case number	**Genetic mutations**	**Mutation position**	**AA change**	**Allele frequency (%)**
1	***BRAF***	**c.T1799A**	**p.V600E**	**4**
2	***BRAF***	**c.T1799A**	**p.V600E**	**6**
3	***BRAF***	**c.T1799A**	**p.V600E**	**7**
4	***BRAF***	**c.T1799A**	**p.V600E**	**35**
5	***BRAF***	**c.T1799A**	**p.V600E**	**39**
6	***BRAF***	**c.1796_1797insTAC**	**p.T599delinsTT**	**31**
7	***TP53***	**c.A619T**	**p.M207L**	**10**
8	***APC***	**c.C4073T**	**p.A1358V**	**50**
9	***KRAS***	**c.A182G**	**p.Q61R**	**4**
10	***KRAS***	**c.G34C**	**p.G12R**	**12**

NIFTP, noninvasive follicular thyroid neoplasm with papillary-like nuclear features; AA, amino acids