

Table 1 The clinicopathological characteristics of non-small cell lung cancer (NSCLC) patients and the chemotherapy regimens (N=206)

Characteristic	Case n (%)
Gender	
Male	130(63.1)
Female	76(31.9)
Age/year	
≤60	101 (49.0)
>60	105(51)
Smoking history	
Yes	95 (46.1)
No	111 (53.9)
Histological type	
Adenocarcinoma	85 (41.3)
Squamous cell	121 (58.7)
Chemotherapy regimen	
Pemetrexed-platinum	85 (41.3)
Gemcitabine-platinum	112 (54.4)
Docetaxel-platinum	9 (4.3)

Table 2 The associations between the rs8191670 polymorphism of Nei endonuclease VIII -like 2 (Neil 2) gene and the incidence rate of drug-related adverse reactions (N=206, n (%))

Toxicity	T/T type(n=110)		T/C type(n=54)		C/C type(n=42)		<i>P</i> value
	Grade 1-2	Graded \geq 3	Grade 1-2	Graded \geq 3	Grade 1-2	Graded \geq 3	
Nausea	50(45.5)	2(1.8)	21(38.9)	0(0.0)	18(42.9)	0(0.0)	0.21
Vomiting	30(27.3)	1(0.1)	18(33.3)	0(0.0)	14(33.3)	0(0.0)	0.17
Diarrhea	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0.50
Leukopenia	62(56.4)	4(3.6)	24(44.4)	1(1.8)	20(47.6)	1(2.3)	0.35
Anemia	48(43.6)	1(0.1)	20(37.0)	0(0.0)	16(38.0)	0(0.0)	0.26
Thrombocytopenia	20(18.2)	2(1.8)	12(22.2)	1(1.8)	9(21.4)	0(0.0)	0.40
Fever related	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0.50
-leukopenia							