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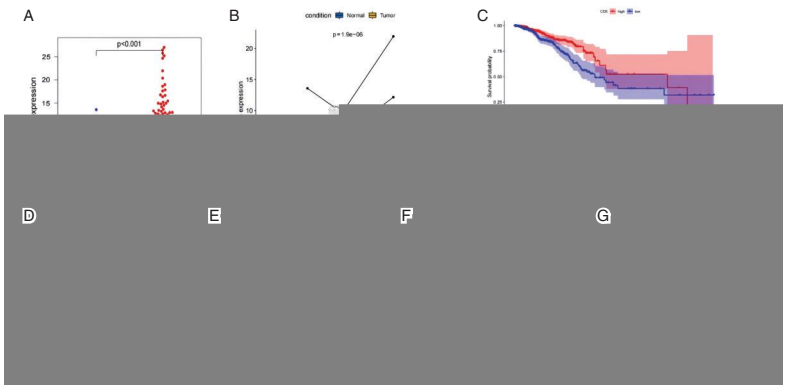

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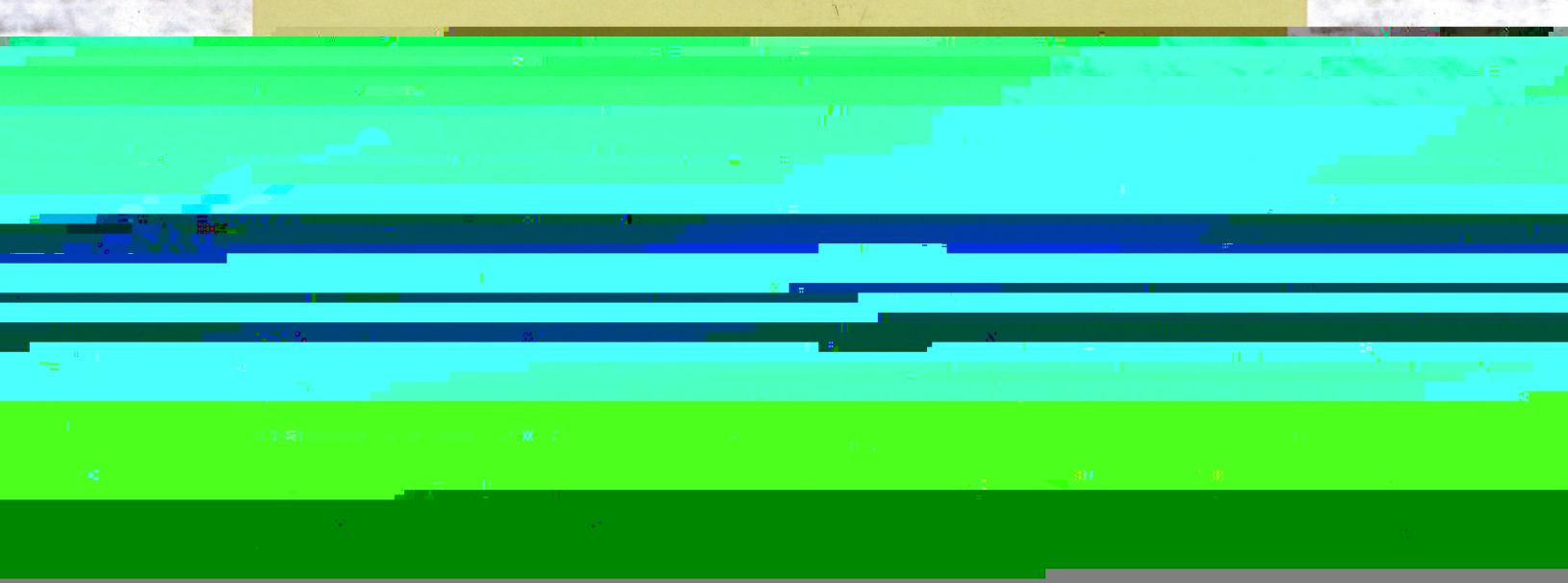

分子诊断与治疗杂志

JOURNAL OF MOLECULAR DIAGNOSTICS AND THERAPY

2025 4 17 4 128 Monthly Volume 17 Number 4 April 2025

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2025 4 17 4

JOURNAL OF
MOLECULAR DIAGNOSTICS AND THERAPY

Monthly Volume 17 Number 4 April 2025

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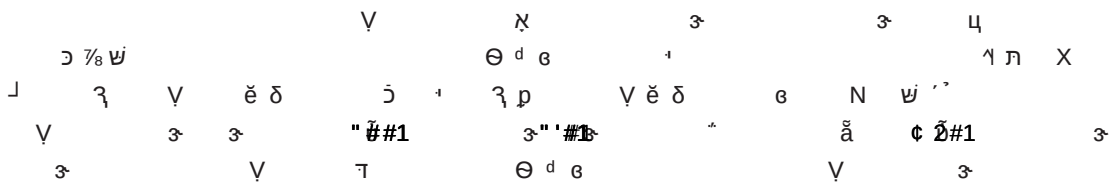

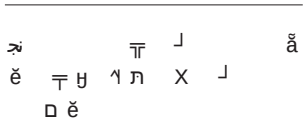

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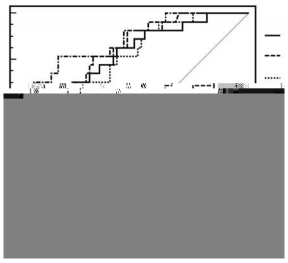

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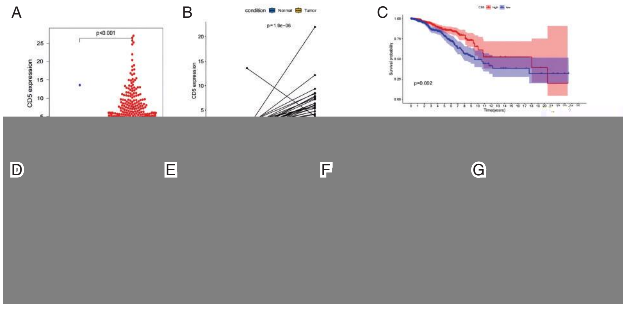

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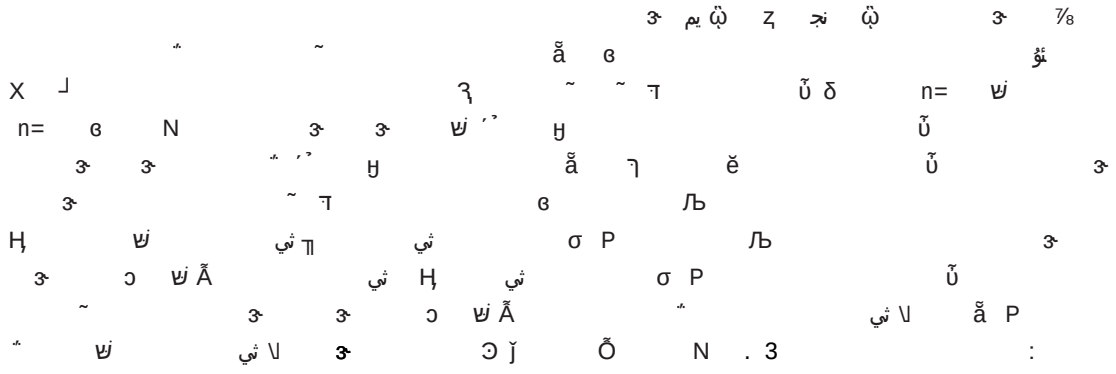

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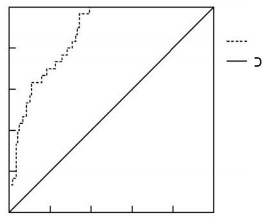

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2.5

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		β	SE[d]	Wald[c]	HR	CI	P[d]

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ŭ ʐ ঌ○ ৼ ׁש ؕ ֲא
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ˀ ệ ẽ Ό ẩ ҷ ή ݜ ˧ ˥ ŭ ݦ ẽ
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β ệ Ḩ δ
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σ P ঌ ᾀ σ P ݜ ع ŭ ꟷ ´ ݘ OR
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σ P ݜ

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● ●

ΏΏ ঽ

Ï ɱ ˊ ç ã̃ ˜ ɔ
ɞ Љ ୰ ӽ e ┘ ã̃
ʅ ˜ ˜ ਜ ǖ δ n ୰ n ˜
ç Ḣ ʐ ঞ Ḣ ঞ ⅞ ǖ Ḣ ঞ
ʐ ঞḢ ঞ ɞ ৯ Logistic ع ǖ ɔ ĭ ৯
Spearman ୰ Pearson ã̃ ǖ ǖ ୰ ʻ ˜ ĭ ৯ ʋ ã̃ ROC ǖ
ǖ ୰ ɔ ϴ ᵈ ɞ Ḣ ঞ ঞ ϖ ⱳ
ȟ, ʒ ξ P Љ ⌡ ঞ ঞ Ḩ Љ N ӯ ǖ P< ⌡ ǖ ϖ ⱳ ঞ · ˁ ʓ̆

ঽ ▲ ƥ
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ם ĕ

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ç ˜ ɞ
X ΰ̃ Љ ΰ̃ ╥
˜ ᆿ ◌ ঽ ɞ
ΰ̃ ἆ ˜ ᆿ ϛ
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Ἡ Ѿ ẹ
σ ɞ X Ἡ ঌ ঌ
Љ Ḩ Љ ঌ
╥ δ ɔ ◌ ঽ ╥
ˈ ঽ ɞ̓ ΰ̃ ̏ Ἡ ẹ
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miR 124 miR 132

miR 124 miR 132

miR 124 miR 132 miR 124 miR 132 Spearman miR 124 miR 132 miR 124 miR 132 miR 124 miR 132 miR 124 miR 132 σ P miR 124 miR 132 σ P Spearman miR 124 miR 132 P miR 124 miR 132 σ P miR 124 miR 132 δ δ δ P miR 124 miR 132

Relationship between plasma *miR-124* *miR-132* and disease severity cognitive function in patients with epilepsy

ABSTRACT **Objective** miR miR 132 **Methods** miR 124 miR 132 miR 124 miR 132 miR 124 miR 132 Spearman miR 124 miR 132 miR 124 miR 132

Results miR 124 miR 132 P< miR 124 miR 132 P< Spearman miR 124 miR 132 P< miR 124 miR 132 P<

E mail

miR 124

miR 132

P< **Conclusion** miR 124 miR 132

KEY WORDS

miR 132

miR 124 miR 132

miR 124 miR 132

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1.1

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ᐞᐞ miR 124 ᢃmiR 132 ϐ

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miR 124 miR 132

miR 124

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miR 132

miR 124 miR 132

miR 124 miR 132

miR 124 miR 132

miR 124 miR 132

miR 124 miR 132

k

Prognostic value of serum TLR9 IL-17 and TIR combined detection in patients with diabetic foot ulcer

ABSTRACT **Objective**

Methods

n= n=

Results

P

P

P **Conclusion**

KEY WORDS

ᖶ в ᖶ ᵐ ᙁ
ᑯẇ ɔ ᵴ ă в ᑯẇ
ƙ ᴨ ´ ᴚ ᙁ
ʐ ᵴ Ξ ˘ M в ᵴ
ç ~ ώЛь ή ᑯẇ
~ ċ в ᵴ ĕ ᵢ ᙁ
Ό Ã ˇ ᵾ ή ᑯẇ
ʌ ~ ò X ي ˡ в Ę X
ᒉ ᴍ ᴚ
ă ẇ Ẍ ᒉ ᴍ в ᙁ ~
ɣ ʌ ᵡ ˈ ي ˇ ƙ ᴨ
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δ ц ᵴ ˇ ʌ
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h ç Θ d в ɻ ệ
Ῡ ᵾ ɻ ệ
ή Ль ç
ỷ ᵯ в ˇ Ã ᙁA ᴚ
ỷ ĕ δ ⅞ Ẅ ˀ
δ ᵐ ŏ ă в ᾠ
ŏ ᙁ
ỷ ă ɔ ´ ç ~
в ᵴЛь ŏ ᑯ
δ ή ẇ ~ ċ W ɔ в

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ᵯ ╥ ɦ X ᵯ ă ᾼ
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ă ᾼ Ό δ ˛ Щ
ᵬ ɔ ᵐ
в ᾼ ᾠ ɔ ᵐ ч ή ᵯ
Ę ë ᵯ
ᙁ ᵵ ᵾ ´
ᵑ ´ ´
ʯ ᵾ ᾼ Ω ƙ ƙ ` ´
X Ę ë ᖶ в
Ц ᒧ ᴋ ʌ Ƃ в

1.2

1.2.1

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1.2.2

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ϡ в TLR9
Ẉ ´ ᴚ

в ᑯ ˡ ʌ
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Ль ᴚ ψ
ɔ ɔ
в T ᵕ T Ό
в ᑯ ĕ ệ ɔ 0y ˡ
X d ᑯ ᐞᐞ в
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1.2.3

в
~ ŏ ᑯẇ
~ ŏ ᑯ ᵴ
Ό δ
в ´ ệ ᵾ ᵴĂ
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n ᵐ ~ ´ n в
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` ᵴ ᑯẇ ᵴ в

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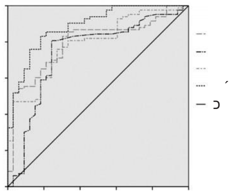
ي ᑯ n *c* ᵮ
ŏ ᑯẇ ᵴ ᵐ ~

2

2.1



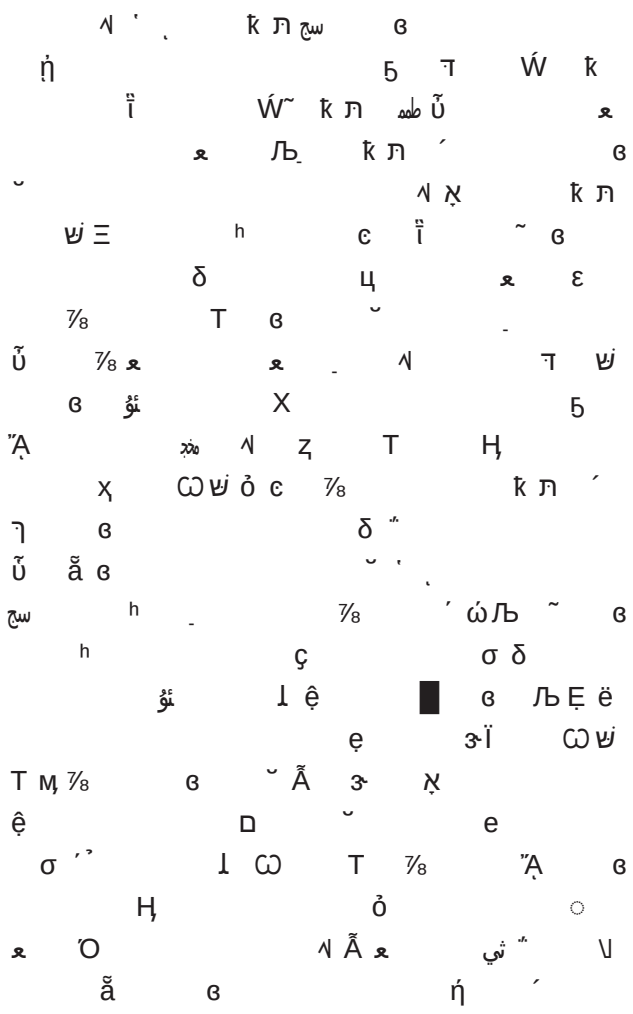
3

2.2

TLR9

2.3 TLR9

TLR9



● ●

1 2 2 2 1 2

B يم ɱ ሠ ǖ ɞ
ع ǖ ⫞ Љ ┘ ɔ Ч ظمئی┘ Ʇ
ě δ Ʇ ή ሠ ɔ̄ ˀ ᵽ ɱ
ˀ ě δ ٱ نجعيمॐ ॐB نج ॐ Ữ نج
ॐ ॐ ॐ ॐγ ॐ
ॐ ሠḢ ʐ ǎ ɞ δ
δ N ẹ σ P ɞ Ẹ X Ʇ يمॐ
м يمƜሠ يم Љ ẹ σ P< ثي يمॐ يم
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å Ʇ Ʇ Љ σ P
Ẹ X ɱئؤN σ P ɞ ˊˀ نجعيم
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ě ╤ ʯ ɔ Ч ظمئی┘ ┘ ɔ Ч
┘ ɔ Ч ظمئی┘ ɔ Ч
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B يم
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ئۇ
˜ ҕ ᆩ Ẍ ʐ ᆩ ⅞
Ӂ
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═ ŭ ɞ ᆩ Љ
Љ ┘ ɔ Ч ظم ئى ┘
ĕ δ
Ḛ ש ŭ ŭ ˝
⅞ ɜŭ ɜ ʋ ã ɞ

1 ˝

1.1 ʰ

Љ ┘ ɔ Ч ظم ئى ┘ ʢ
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ɞ Ḛ X ʢ ʢ ثي δ
ɞ ʢ ꝑ ʮ
δ Ḛ X ʢ ʢ ثي
δ ɞ N ˥ ئۇ ᾀ ɜ
σ P> ɞ ȁ Ȁ
ȁ ثي ᗑ
ή ש ʢ ´ ɥ B يم
╥ ħ ɞ ʮ ש
ثي δ Ȁ ≤ ᗑ
´ Ḛ ש
ɞ ɞ

1.2

1.2.1

Љ ₒ Ǎ ˝ Ḫ
ω δ نجر Ẍ Ẉ
Ɓ ˜ ˝ نجر
ỏ ˝ Ẉ e
ɜ ˜ ئۇ Ẉ ɔ ɞ
Ẉ Ώ δ T Ẉ δ
ɞ Љ ₒ Ǎ ˝ Ḫ
Ẍ ○ ʮ ₵
ʮ ɜ ʮ ɜ
ʮ ɜ ʮ ɜ ʮ ɜ ʮ ɞ

1.2.2 نجر ع يم

نجر ع ŭ يم Ẉ
Ẉ ɛ ˜ E يم Ẉ
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نجر ع ŭ يم نجر ع يم
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ש ⅞
ɛ T ˝ ϲ
Ώ ɔ نجر ع يم ɞ

1.2.3

Љ Ǎ ˝
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1.2.4 ´ ⅞

Љ Ǎ ˝ Ã ⅞ ŭ ɛ
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1.2.5 ש Ή ʐ

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1.3

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2

2.1

N σ P

P< σ P>

n

	n=	n=	c^2	P

P< P<

2.2

σ P>

2.3

		c^2	P

σ P>

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2.4

σ P<

σ P>

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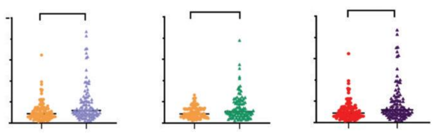
P< P<



P< P<

3

ד Ѡ Љ˜
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σ ɞ

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ݰ N σ ɞ ჵ ჵ
ჵ ﭏ ƙ ȕ Ẹ ɀ
ܥ ˘ ˜ ד Ë Ẍ ﭏ
Ẍ ˈ Ë ƙ ˺ ˵
Ѝ ĕ ˍ ƫ ʹ
ჵ ჵ ჵ ╥ ɞ ϲ
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ﭏ Ƭ ˘ ᛋ Ẍ
˺ ᒣ Љ x ˜ h ˵
ʊ ẵ ẹ h ᒣ ˵ ɞ

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ɔ ц ǵ ɔ †

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Ң Ѿ σ P в ѫ ŭ ɔ

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P **Conclusion**

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ĕ ╤ ꞵ X ┘ E
X ┘ ỷ Ọ Ǻ E
X ┘ Ǻ ǻ ▲ E
X ┘ ┘ Ọ Ǻ E
ם ĕ Ẉ

P< **Conclusion**

KEY WORDS

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1.1

1.2

1.2.1

1.2.2

1.3

2

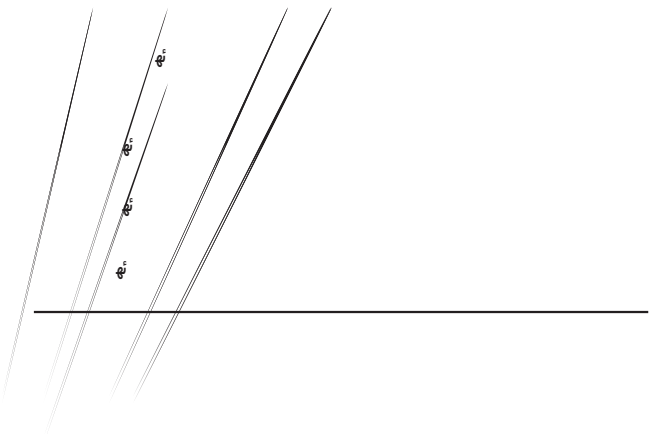
2.1

2.2

2.3

2.4

3



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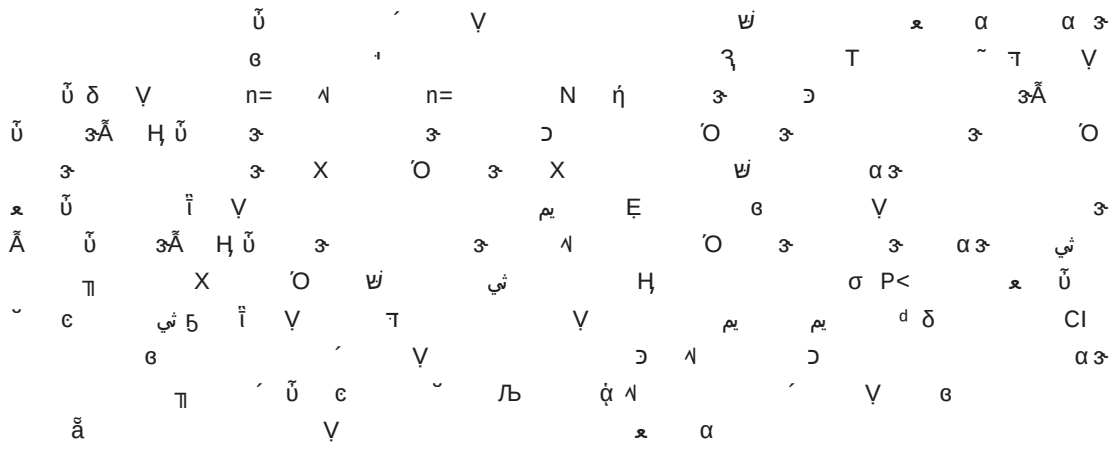

Ultrasonographic blood flow analysis and serum levels of HIF-1α and ACTA in pregnant women with oligohydramnios complicated by fetal distress

ABSTRACT **Objective**

α α

Methods

n=

n=

α

Results

α

P<

P<

CI **Conclusion**

α

KEY WORDS α

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1.2

1.2.1 ή

1.2.2 ɔ

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ΰ ՟ ◔

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c t [d]					
P [d]					

	N	ͻ	𝓍	𝓈	±
ᾳ̇ n	Ẫ	ΰ	Ẫ	Ḩ ΰ	
Ṿ					
t [d]					
P [d]					

		N	ͻ	𝓍	𝓈	±
ᾳ̇ n	Ό	X	Ό	X		Ό
Ṿ						
t [d]						
P [d]						

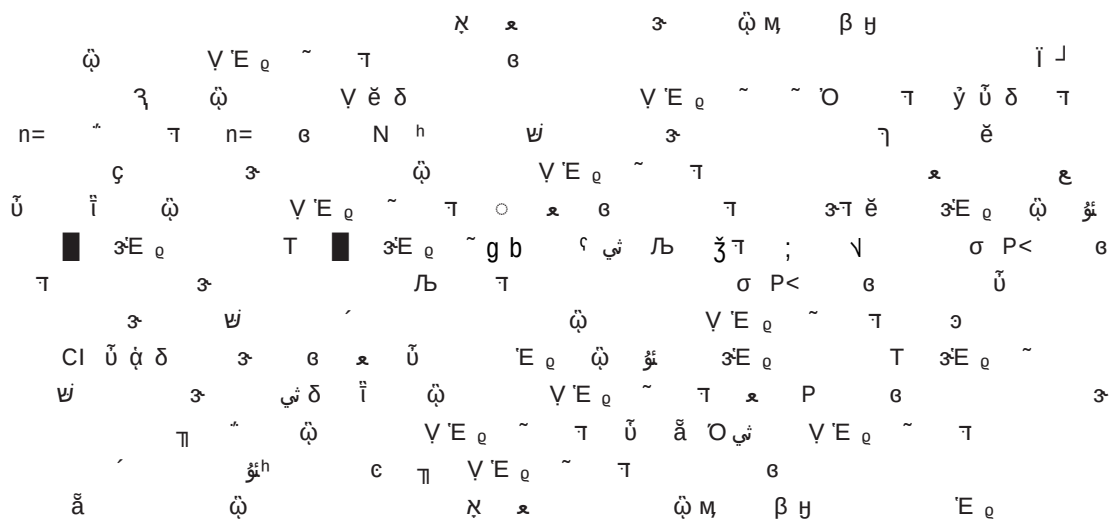
ᾳ̇ n	α
Ṿ	
t [d]	
P [d]	

Ό α ȕ Ṿ δ Cl ẹ Ѳ ɞ ד Ό є ╥ ঞ ש ͽ ͽ ɞ ɱ δ Ж ͽ ў ʆ α ɞ δ ή ç Ṿ W Ë Ό Ӂ

3

Ṿ ד ש Ṿ Ό ɞ δ ε ç Ж K ঞ Ά ɞ ȕ Ë Ṿ ש α ঞ δ ή W ç ɞ ד Ṿ ͽ ঞ ȕ ঞ Ḩ ȕ ש ╥ ɞ Ж ͽ ⅞ ҕ Ό ȉ Ṿ ɞ Ṿ Ό Ϛ Љ Ό Ṿ ă ɞ Ṿ X Ό Ω Ḩ Ë Ṿ W ẇ ɞ Ό є ╥ Ϛ Ë ɿ ẏ ɞ Ṿ α Љ ɞ α ҕ ד ש Ṿ ╥ Ω Ë ƙ ɞ Ж ͽ ⅞ Ë Ṿ ệ ɞ ȕ Ë Ṿ Ë 8QÁÁ> ঞ T ẹ Ѳ ɞ Ṿ ȕ ã Έ Ë Ṿ ệ Ṿ ╤ ɏ

[1] Ķ [2] [1] [1] Ẃ [1]



Efficacy of serum Egr-1 and BACE1 in k

Cl

P< **Conclusion**

KEY WORDS

2

2.1 N ʰ

N ঌ ᾀ̣ ঌ ˋ [redacted] ঌ ꞁ ĕ ঌꞁ
ĕ ﻴﻣ ঌ ẳ [redacted] ﺜﻴ
σ P> ꞁ Ṿ ঌꞁ ĕ ঌ̇Ė
ϱ ῷ̣ ﯙ [redacted] ঌ̇Ė ϱ T [redacted] ঌ
Ė ϱ ˜ ﺜﻴ Љ ꞁ
σ P< ɞ ɞ

ꞁ	ꞁ
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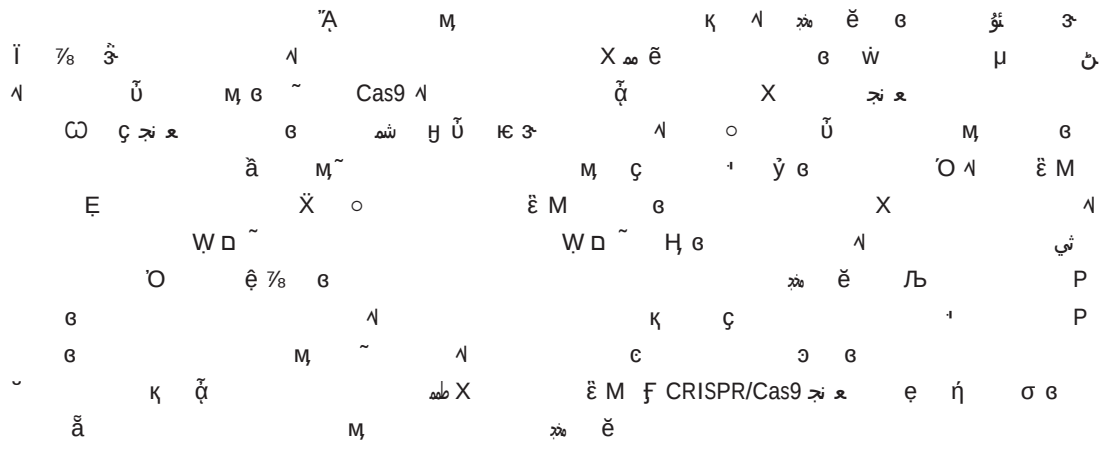

Effects of radiation-produced exosomes on the immune microenvironment of Huh-7 tumor cells

ABSTRACT Objective

Methods

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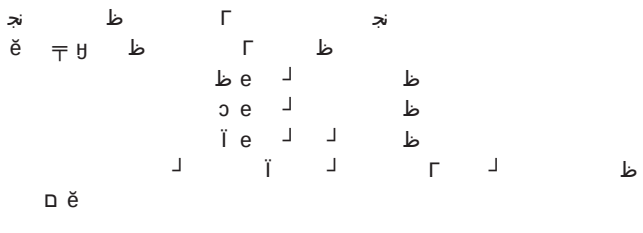
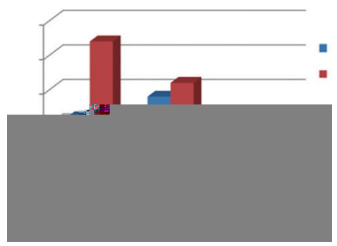
Results





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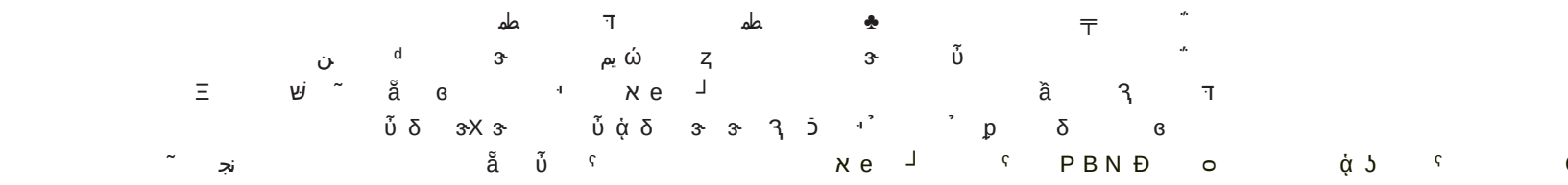

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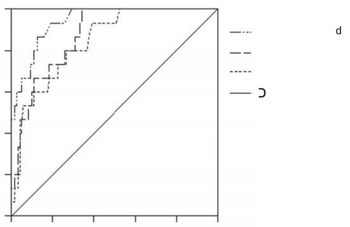

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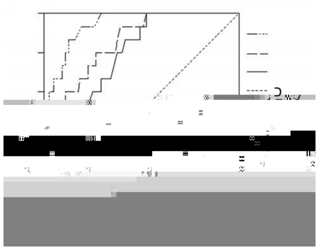

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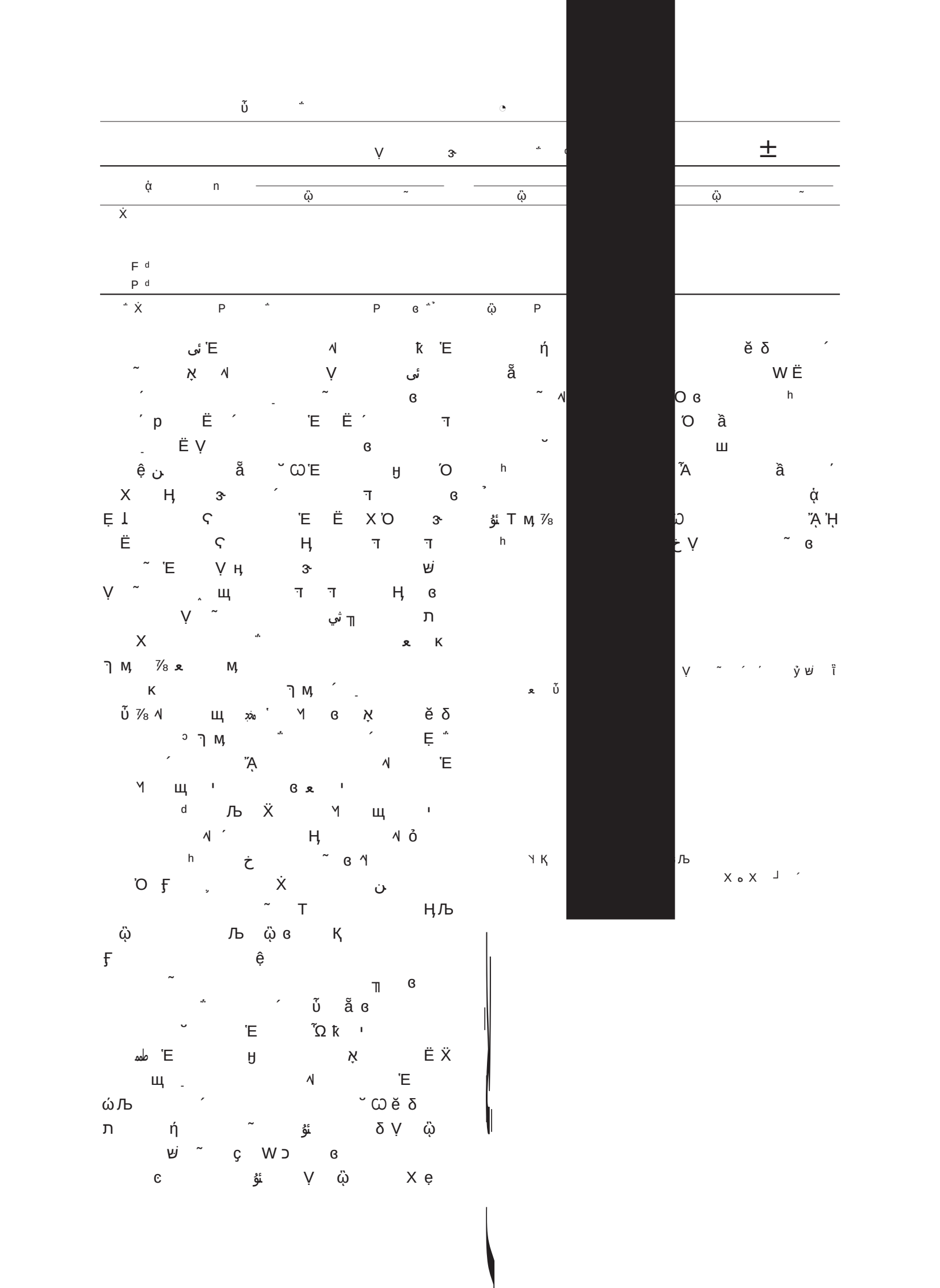

CYP2D6 CYP2C19 HTR1A

CYP2D6 CYP2C19 HTR1A CYP2D6*10
CYP2C19*2 HTR1A
CYP2D6*10 CYP2C19*2 HTR1A
CYP2D6*10 CYP2C19*2 HTR1A
CYP2D6*10 CYP2C19*2 HTR1A

Establishment of a MALDI-TOF MS method for the detection of *CYP2D6* *CYP2C19* and *HTR1A* gene polymorphisms

ABSTRACT **Objective** CYP2D6 CYP2C19 HTR1A

Methods CYP2D6*10 CYP2C19*2 HTR1A

Results CYP2D6*10 CYP2C19*2 HTR1A μ μ

Conclusion CYP2D6*10 CYP2C19*2 HTR1A

KEY WORDS CYP2D6*10 CYP2C19*2 HTR1A

CYP2D6*10 CYP2C19*2

HTR1A

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CYP2D6*10

CYP2C19*2 HTR1A

CYP2D6*10 CYP2C19*2

HTR1A

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CYP2D6*10		
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HTR1A		

CYP2D6 ... CYP2C19 ... HTR1A ...

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1.5.2 CYP2D6*10 3CYP2C19*2 HTR1A

CYP2D6*10 3CYP2C19*2 HTR1A

CYP2D6 ... CYP2C19 ... HTR1A ...

CYP2D6*10 3CYP2C19*2 HTR1A

1.5.3 CYP2D6*10 3CYP2C19*2 HTR1A

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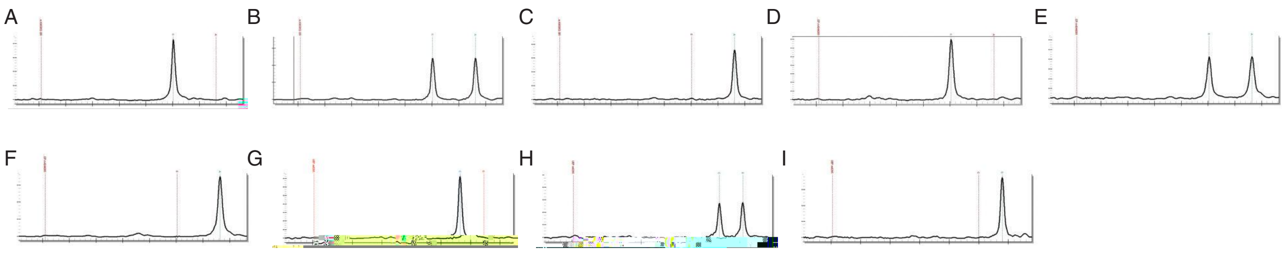
2.1 CYP2D6*10 3CYP2C19*2 3HTR1A

CYP2D6*10 ...

CYP2C19*2 ...

HTR1A ...



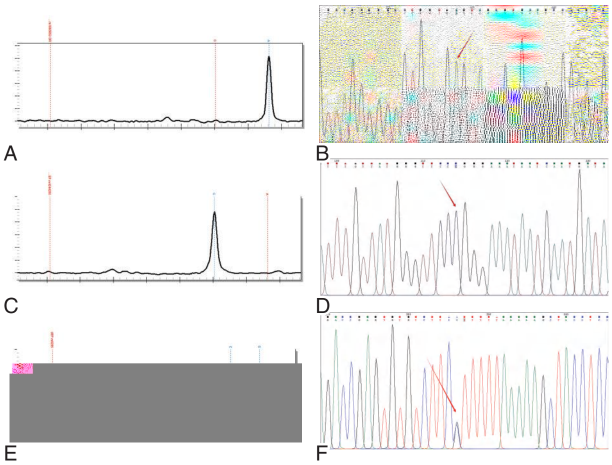
CYP2D6*10 ... CYP2C19*2 ... HTR1A ...

2.2 CYP2D6*10、CYP2C19*2、HTR1A

CYP2D6*10、CYP2C19*2、HTR1A

CYP2D6*10、CYP2C19*2、HTR1A

δ CYP2D6*10 δ CYP2C19*2 δ HTR1A



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CYP2D6*10、CYP2C19*2、HTR1A

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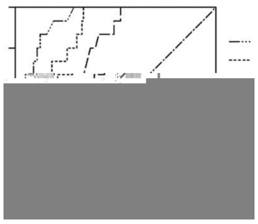

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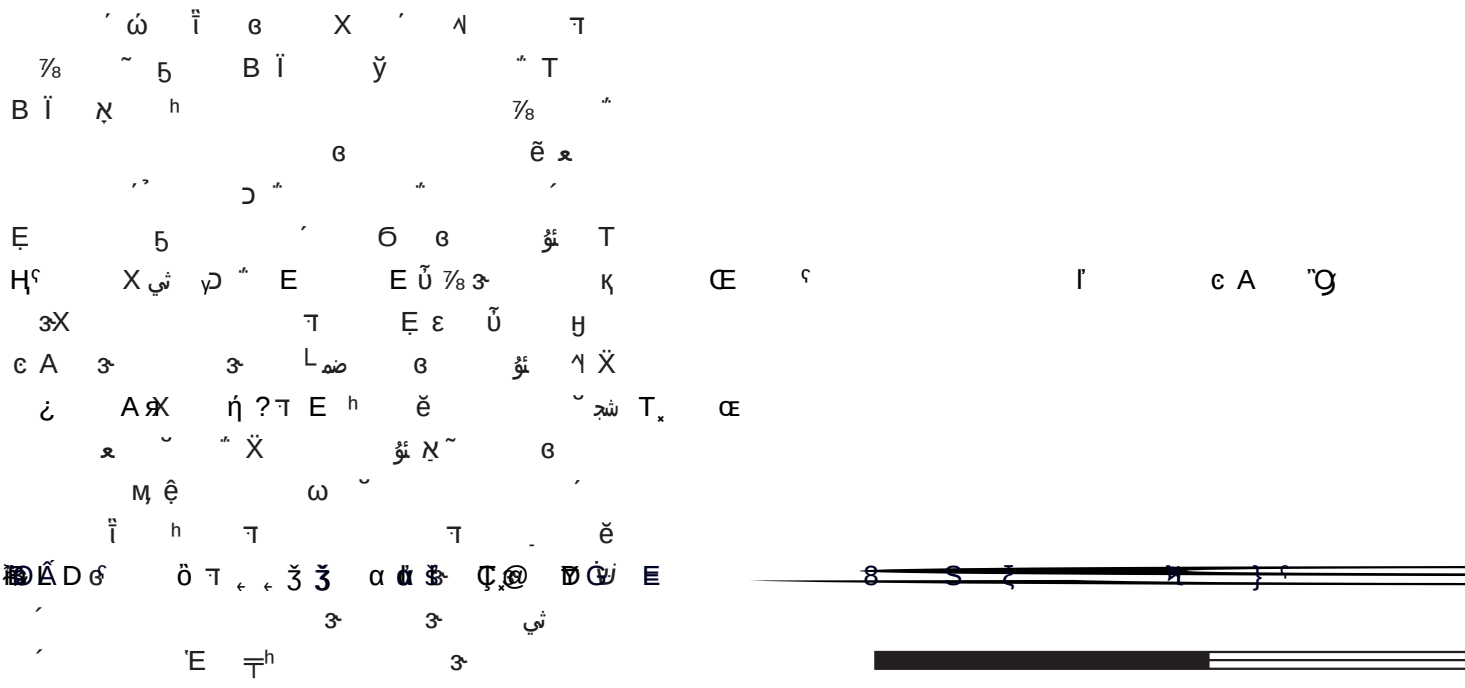

Curative effect of transcranial magnetic stimulation combined with drugs and its influences on cognitive function mental behavior symptoms levels of AD7c-NTP 5-HT and ACh in Alzheimer's disease

ABSTRACT **Objective**

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P> **Conclusion**

KEY WORDS

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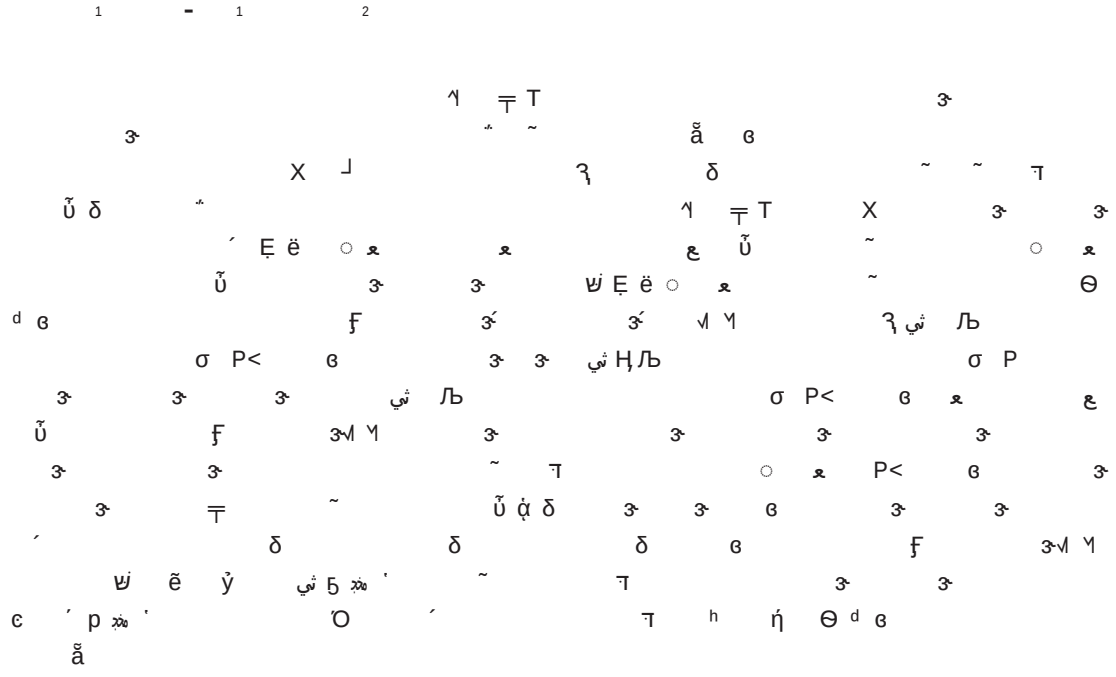

Relationship between the expression of miR-125b miR-145 miR-146a in peripheral blood mononuclear cells in patients with lung cancer and postoperative pulmonary infection

ABSTRACT Objective

Methods

Results

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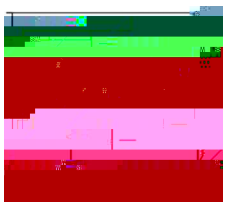

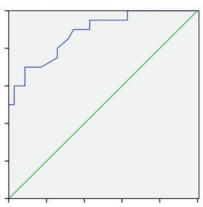

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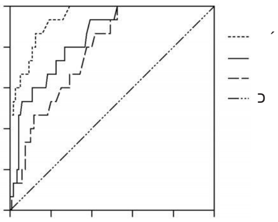

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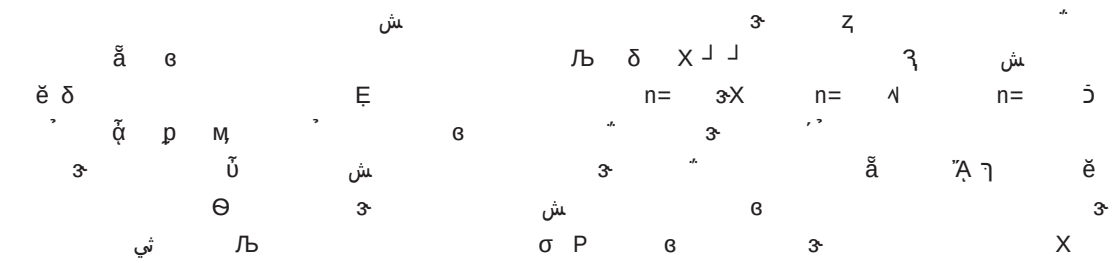

Conclusion

KEY WORDS

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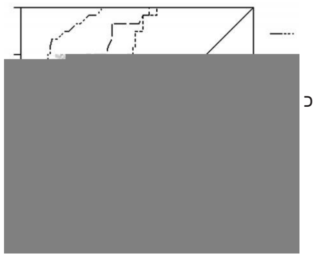

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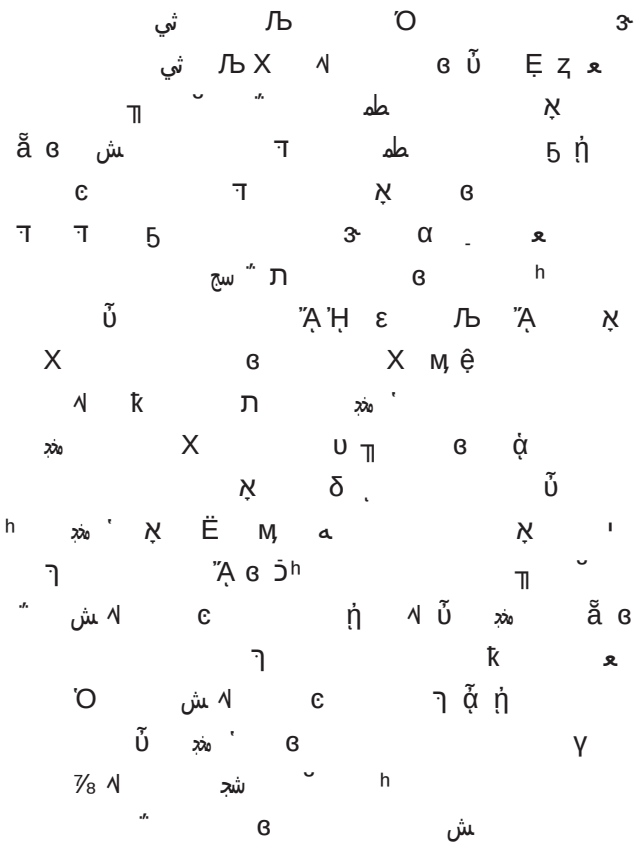

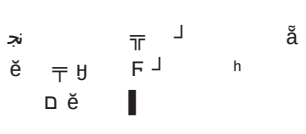

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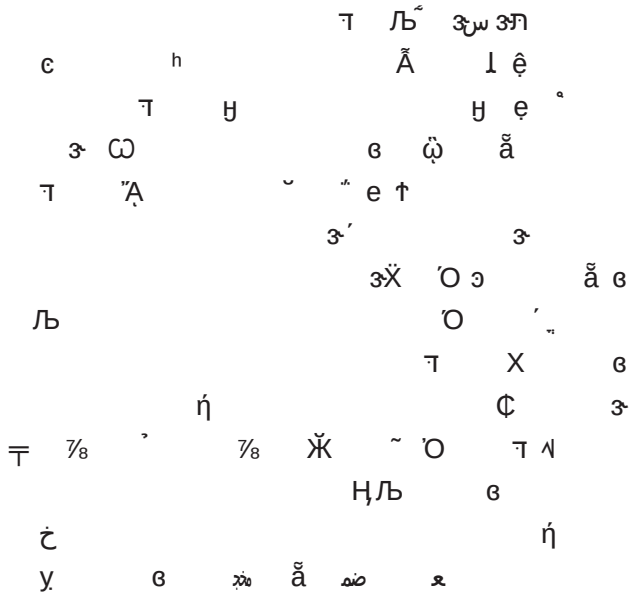
P< **Conclusion**

KEY WORDS



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KEY WORDS

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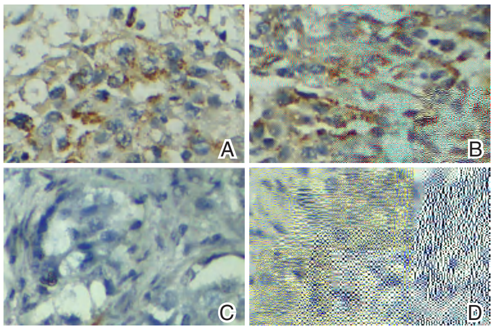

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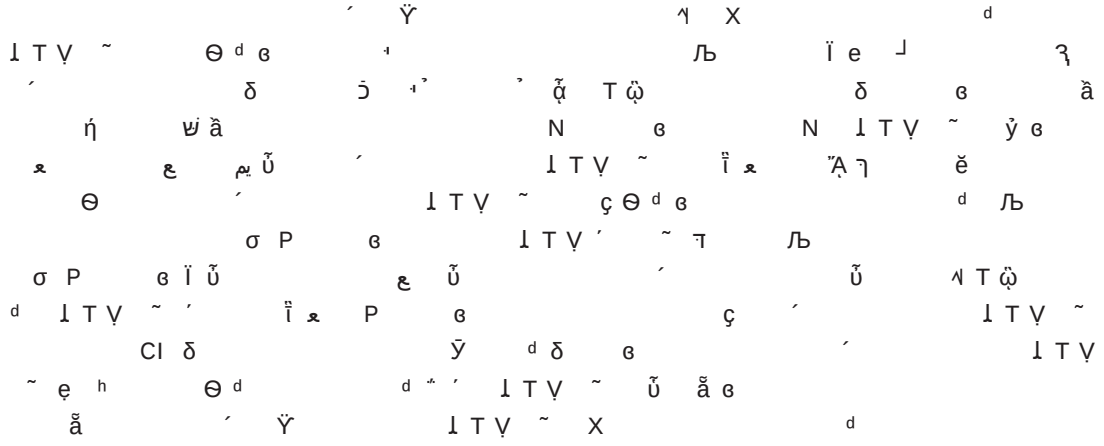

Predictive value of peripheral blood NLR in pregnant women with hepatitis B virus infection for perinatal prognosis

ABSTRACT Objective

Methods

Results

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KEY WORDS

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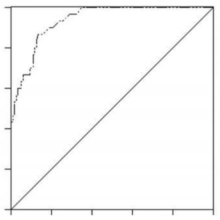

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P< **Conclusion**

KEY WORDS

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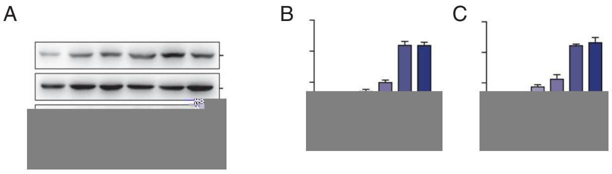

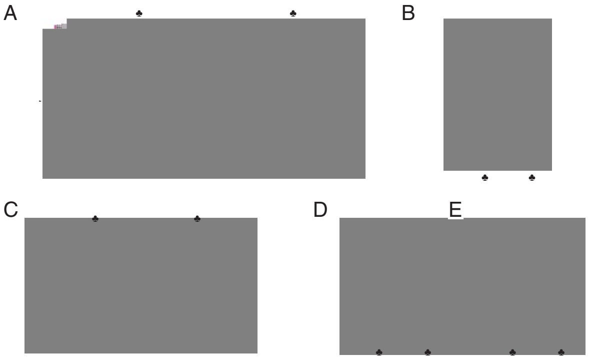

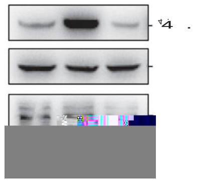

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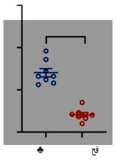

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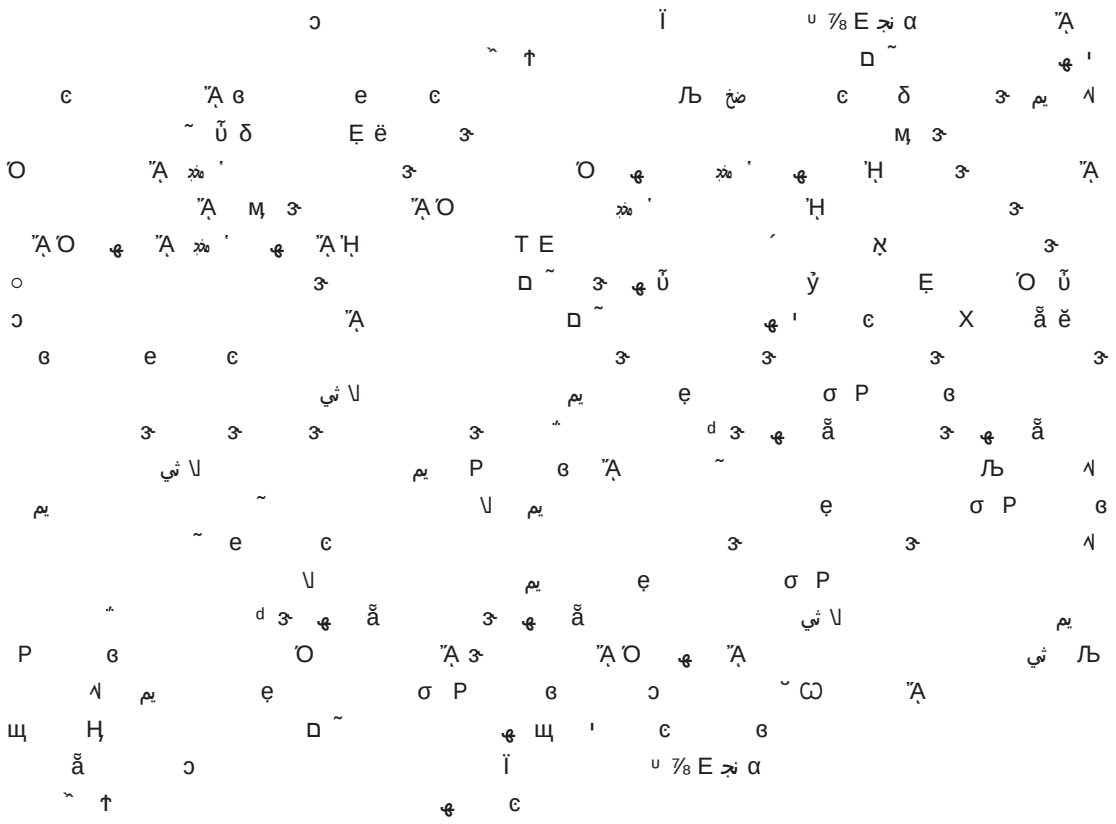

Study on the mechanism of Sanhuang Shuai Decoction inhibiting PI3K-AKT-MTOR signaling axis through PIK3CA to activatecell autophagy and protect intestinal epithelial barrier

ABSTRACT Objective

α

Methods

Results

P

P

P

P

P

P **Conclusion**

KEY WORDS

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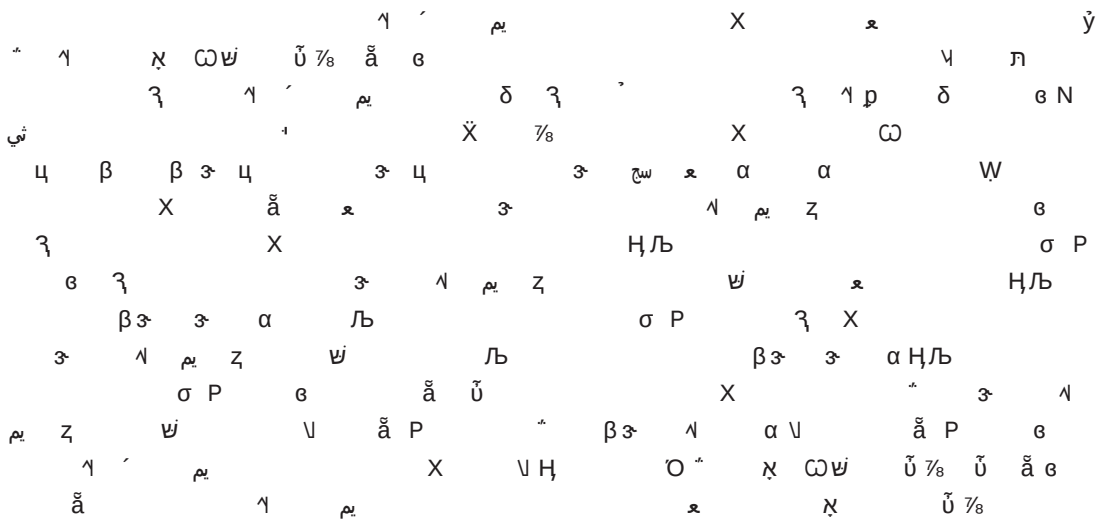

Analysis of the relationship between the expression of KLF4 in gingival tissue of chronic periodontitis with type 2 diabetes and inflammatory reaction osteogenic differentiation

ABSTRACT Objective

Methods

β β

Results

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β

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P< **Conclusion**

KEY WORDS

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P< **Conclusion**

KEY WORDS

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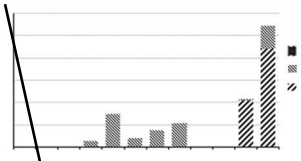

Application value of MPV in the early diagnosis of bloodstream infection

ABSTRACT **Objective**

Methods

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Results

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1 [illegible]

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[illegible]

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ˍ

20221493
053000
E mail yq811025@163.com

P<

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P> **Conclusion**

KEY WORDS

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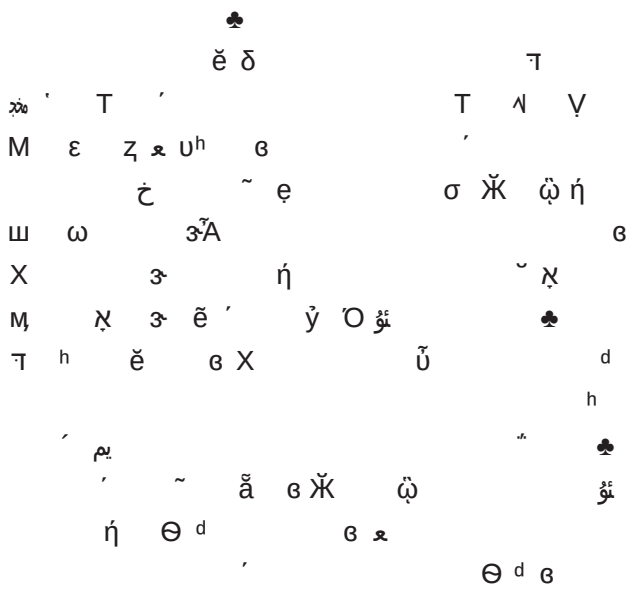
KEY WORDS



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Conclusion EGFR

KEY WORDS

EGFR

EGFR

EGFR

EGFR

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Diagnostic value of PG Ⅰ PG Ⅱ G17 PGR combined with Helicobacter pylori antibody in gastric cancer

ABSTRACT **Objective**

Methods

Results

P<

P<

P< **Conclusion**

KEY WORDS

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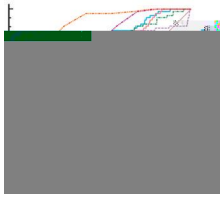

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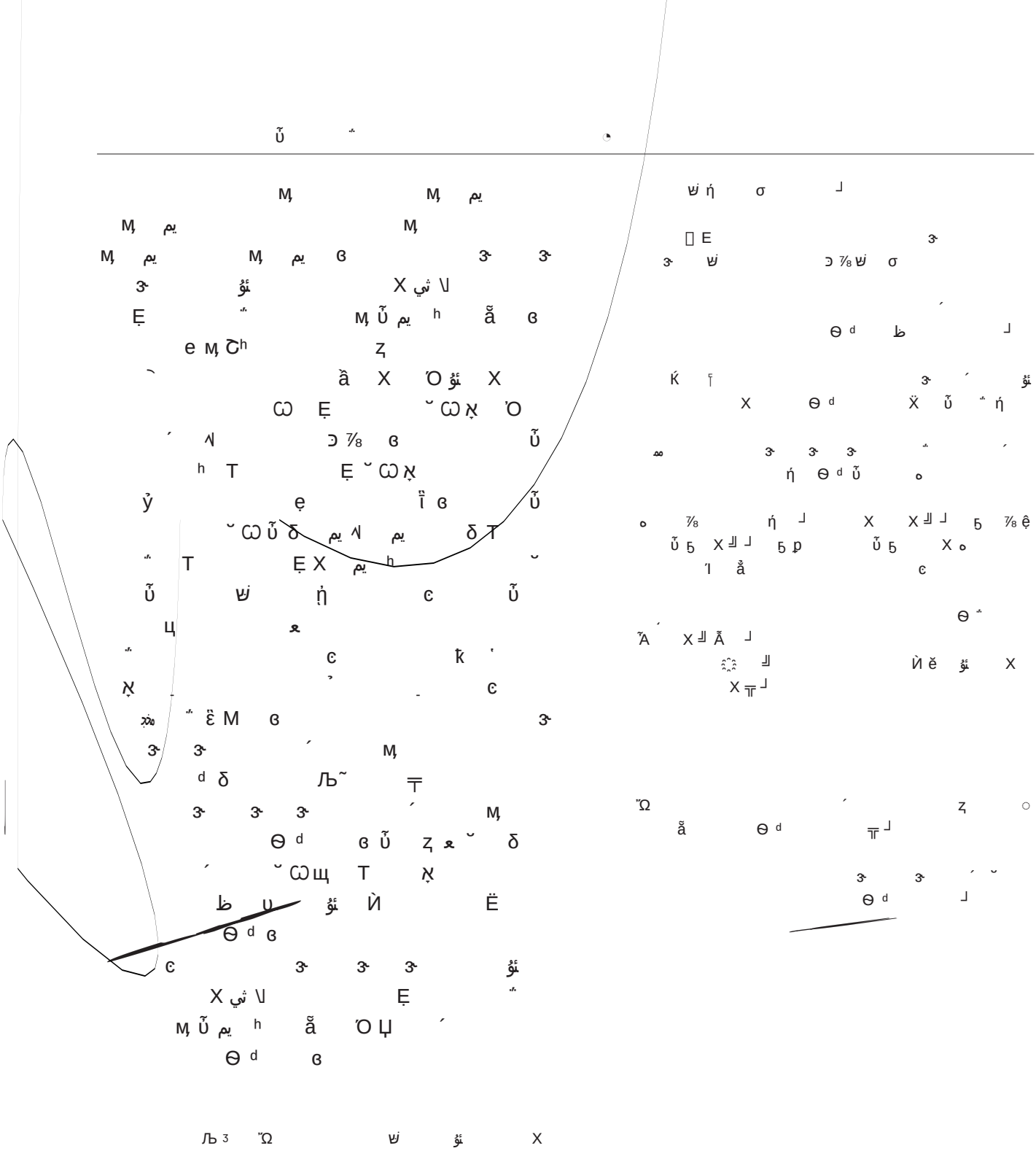
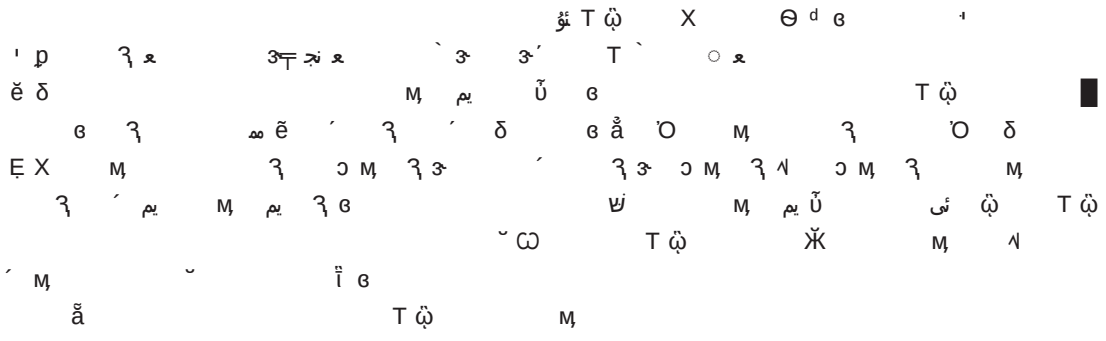




Chromosome karyotype analysis of 41 cases of first trimester chorionic villus sampling in Wuhan Maternal and Child Healthcare Hospital

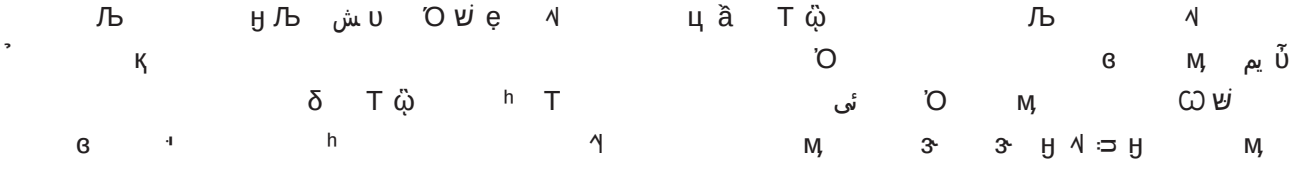
ABSTRACT Objective

Methods

Results

Conclusion

KEY WORDS



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ɱ يم δ Ξ ʰ Ṿ ɱ Ό δ ή
ꞇ ঔ ꞇ ɱ ɔ ɱ يم ꞇ Τ ῴ W Ẫ ם ԯ Ȅ Ṿ
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Conclusion

KEY WORDS

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ẓ ɱ ئۇ ˜ Ṿ Ό
ئ σ Ρ Ό
Ṿ Ό Ḩ
ɞ Ό ॐ
Ό ॐ
Ό ꞗ Љ ẓ ɱ Ό ῷ
ɔ ꞗ ɞ ɞ

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σ Ẹ Æ ẓ ɱ ئۇ ʹ̉ Ό
ئ σ Ρ ɞ Ό

ʹ̉ Ṿ ⱴ Ỵ ẓ ɱ Ό ỷ n

ẓ ɱ	n=	T n=	T n=	n=	n=	n=	n=	*c* d	P d

ʹ

ʹ̉ Ṿ ⱴ Ỵ ẓ ɱ Ό ỷ *n*%

ẓ ɱ	n=	n=	n=	Ữ n=	*c* d	P d

ʹ

Љ ঌ ɀ ɱ Ỏ ɏ Ỏ ᶺ █ ΰ ᾳ █ Ẹ Ỏ

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Research progress of miR-208a in cardiovascular disease

ABSTRACT

KEY WORDS

ἒ M ם ˜ ـ ﶒ ﾍ
ϐ ˘ ˜ ﾍ ﶗ ﻉ
ﶒ ʹ X ⅞ ẵ ﻴﻡ ﾍ
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ϲ ῎ T ẵ ם
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אָ ϐ X
ʰ T ẵ ΰ ầ Ẹ ῎ ם ˜
ẵ ΄ p ˘ Ϣ ד Ἇ δ
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3 ě δ ή

3.1 ﯘ X

ḋ ˜ ẵ
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ק ᾅ Ἇ ϐ ﯘ
Ὀ ῎ ƙ ΰ ẵ ῎ ϙ
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Ἧ T ệ ᾅ δ
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X ʌ
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h Ã ⅞ в ˊ р ᵾ
Х ᵀ ĕ ˘ ˠ Ẹ ë
ʌ ɒ ˜ ᵾ П Ӥ ĕ ˘ ʑ
ˈ Ẹ ή Ƒ ᵀ ʑ Љ
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˧ ˥ ʐ ӎ ˥ ẵ
Љ ẵ ή ˥ щ δ Ṿ ˧ ˥
˥ Wʰ Ↄ ˰ ɞ ئۇ ʐ ӎ
ˈ Ṿ ˧ ˥ ˥
˘ Ң e ɞ ȁ
˧ ˥ ʐ ӎ δ ʐ ӎ ẍ
Ẹ ë ʐ ӎ ̋ Ṿ ˧ ˥ ʋ ẵ
˜ ئۇ ẵ X ˈ ˥ ʐ
ӎ Љ ئ └ Ṿ ˧ ˥ ɞ

Ṽ η η Ṿ ˧ ˥ ʐ ӎ
ˀ ẳ X ╝ Ṿ
E Ṿ
ɔ Ч e ▲ Ό
╝ ĭ ÿ ئۇ Ṿ ɘ ˧ ˥ ʐ X
X ╝ Ṿ ή

˥ ثم [redacted] ʋ ئ └ Ṿ
˧ ˥ ʐ ӎ Ό ẙ ǚ X ╝ ┘

ʅ ң ˧ ˥
ʐ ӎ ǚ ┘

E η ═ ɔ ˧ ˥ ʐ ӎ
ẙ ش ǚ X ₒ e ế ẳ

η يم Ợ ɘ ئج
ئ └ Ṿ ˧ ˥ ʐ ӎ ǚ ┘ ̋
ή

˥ Ÿ ╝ Ṿ ӎ Ẍ ˈ Ѡ
ش ȉ X ₒ T ώ̤

η Ṿ ┘
ή X ₒ ̏Ậ

η ɔ Ч ئ └ Ṿ ˧ ˥
ʐ ӎ ẙ ǚ X ╝ ˥ Ẍ

˧ ˥ ʐ ئۇ ˥
˥ Ṿ X X ╝ Ṿ ή

̏Ω ώ Ķ ﺠ Љ
Ṿ ˧ ˥ ʐ ǚ X ₒ Ṿ ┘

Ṿ ɘ ˧ ˥
˥ ´ Ė يم ʐ ӎ Θ ᵈ ┘

̏Ω ʋ ˥ ثم ﺠ Љ Ṿ
˧ ˥ ʐ ӎ X ╝ ˥ ή

杂志简介:

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