

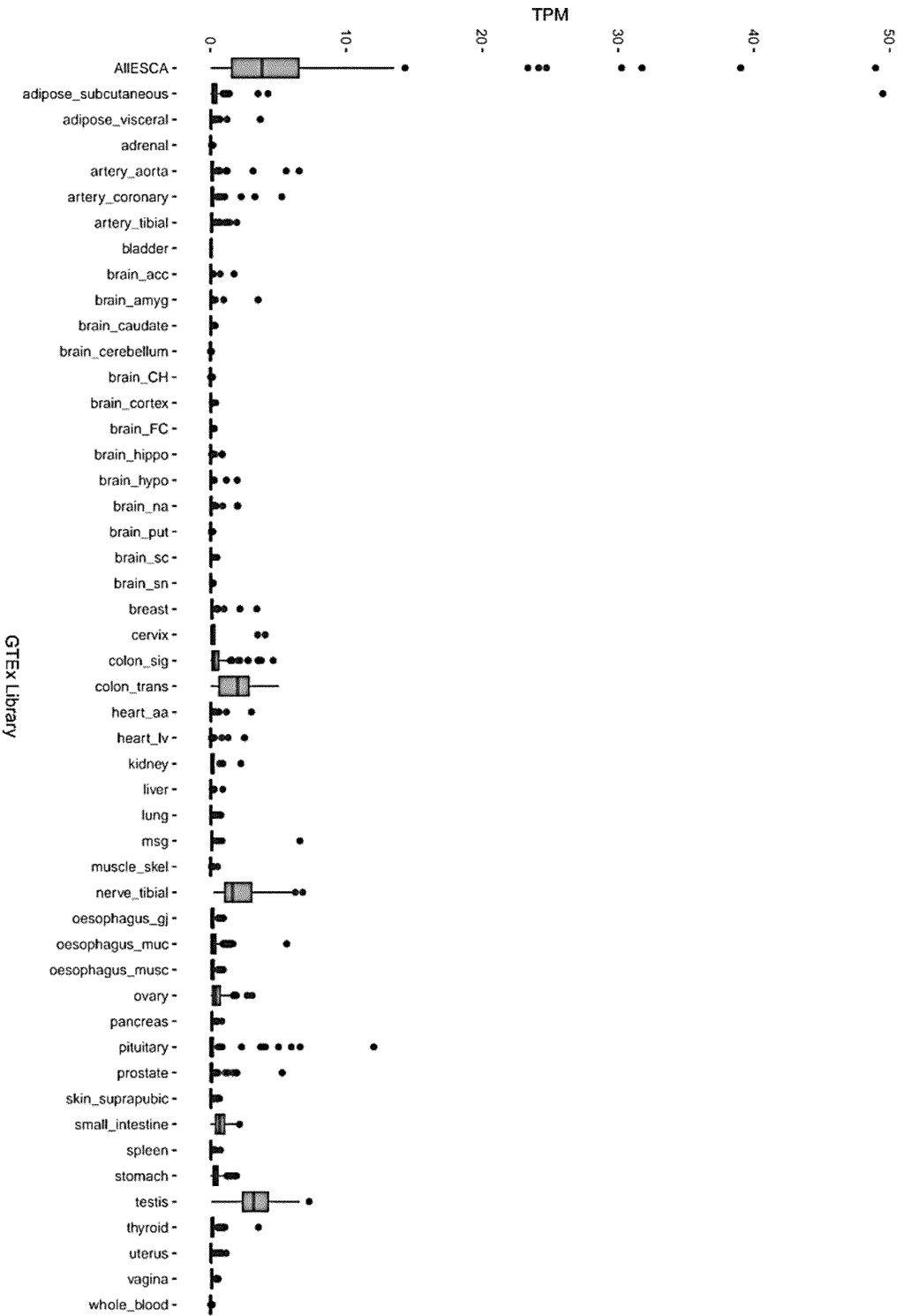


Figure 1A (EVA001, SEQ ID No.1)

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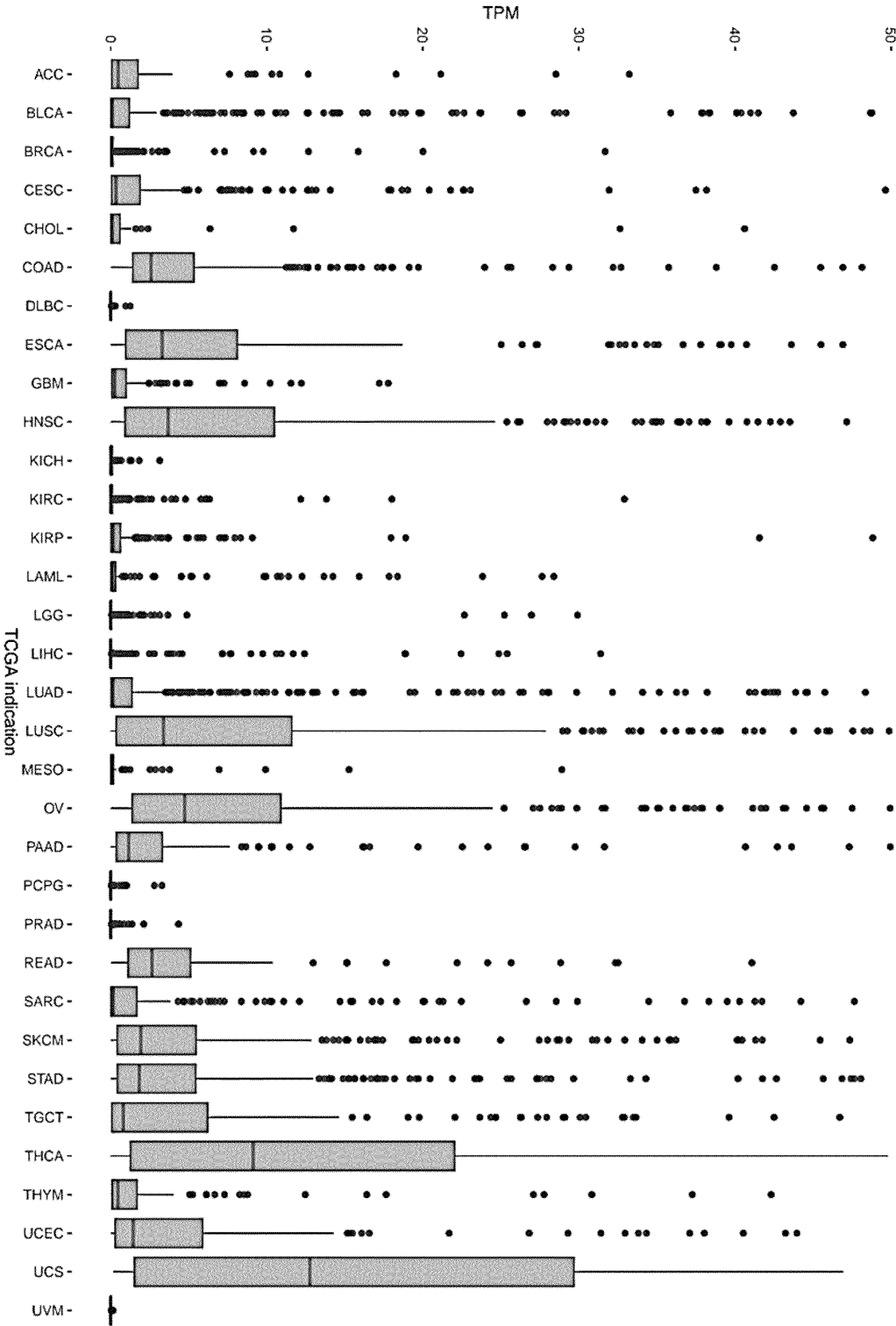


Figure 1B (EVA001, SEQ ID No.1)

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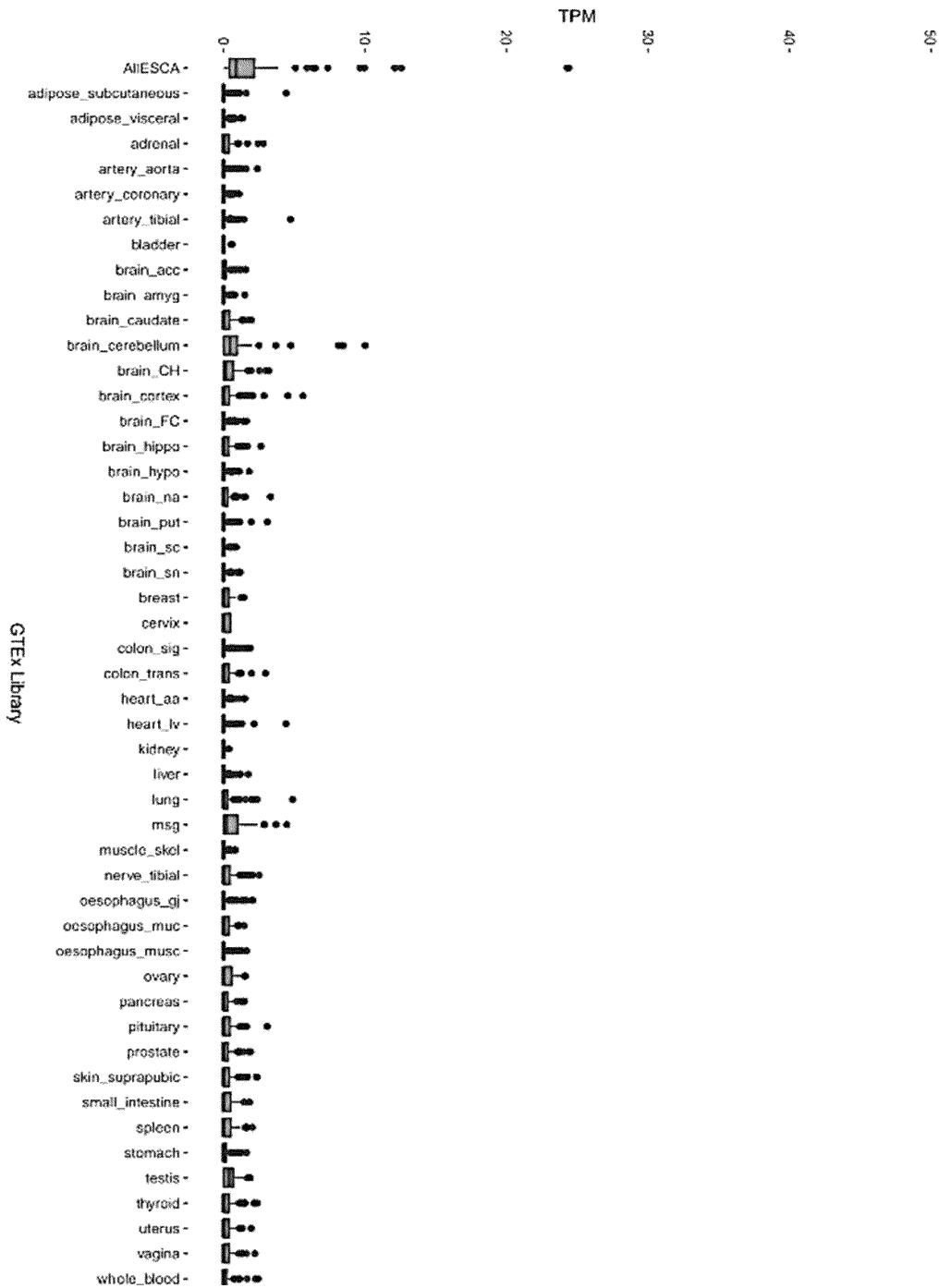


Figure 2A (EVA002, SEQ ID NO.2)

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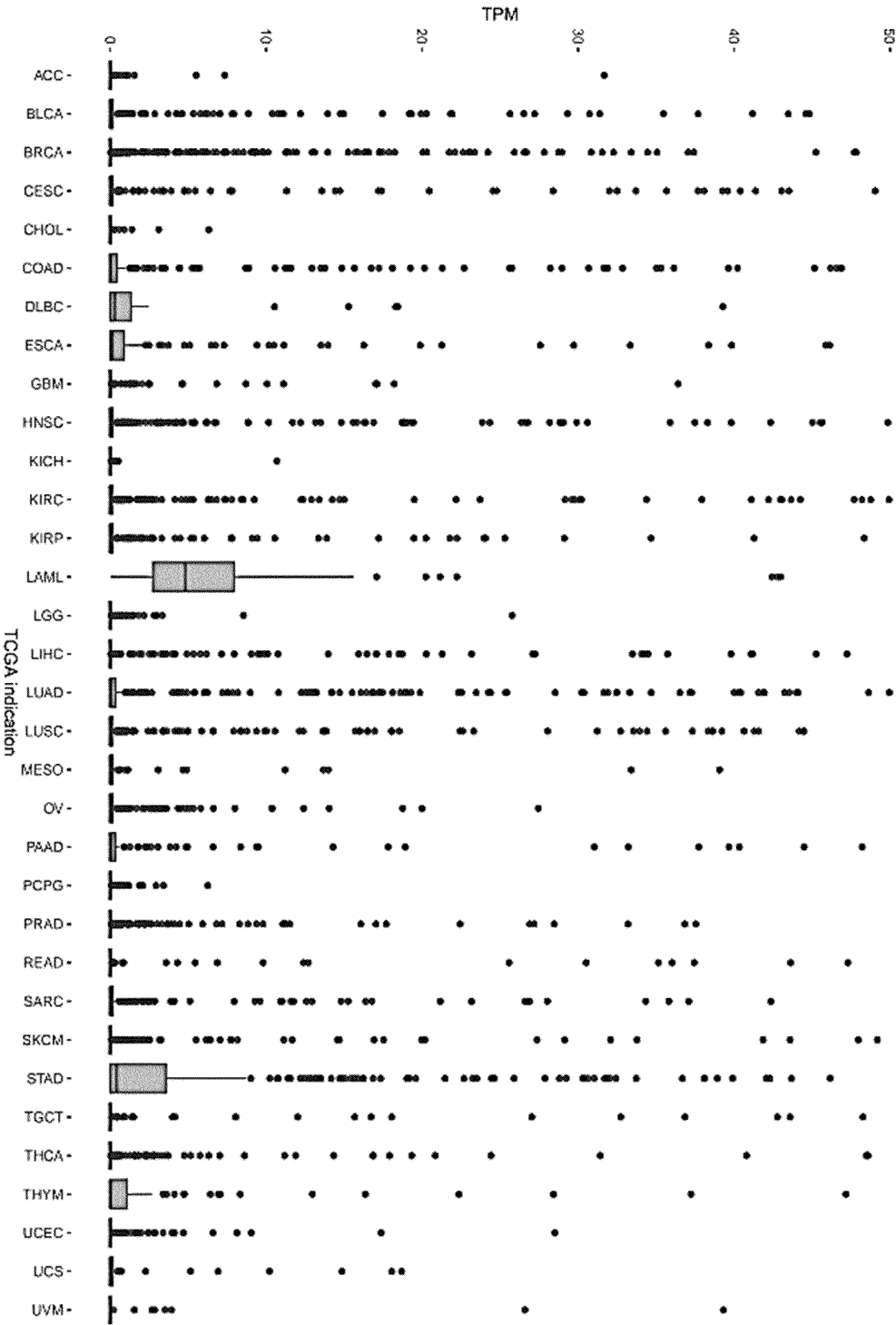


Fig2B (EVA002, SEQ ID NO.2)

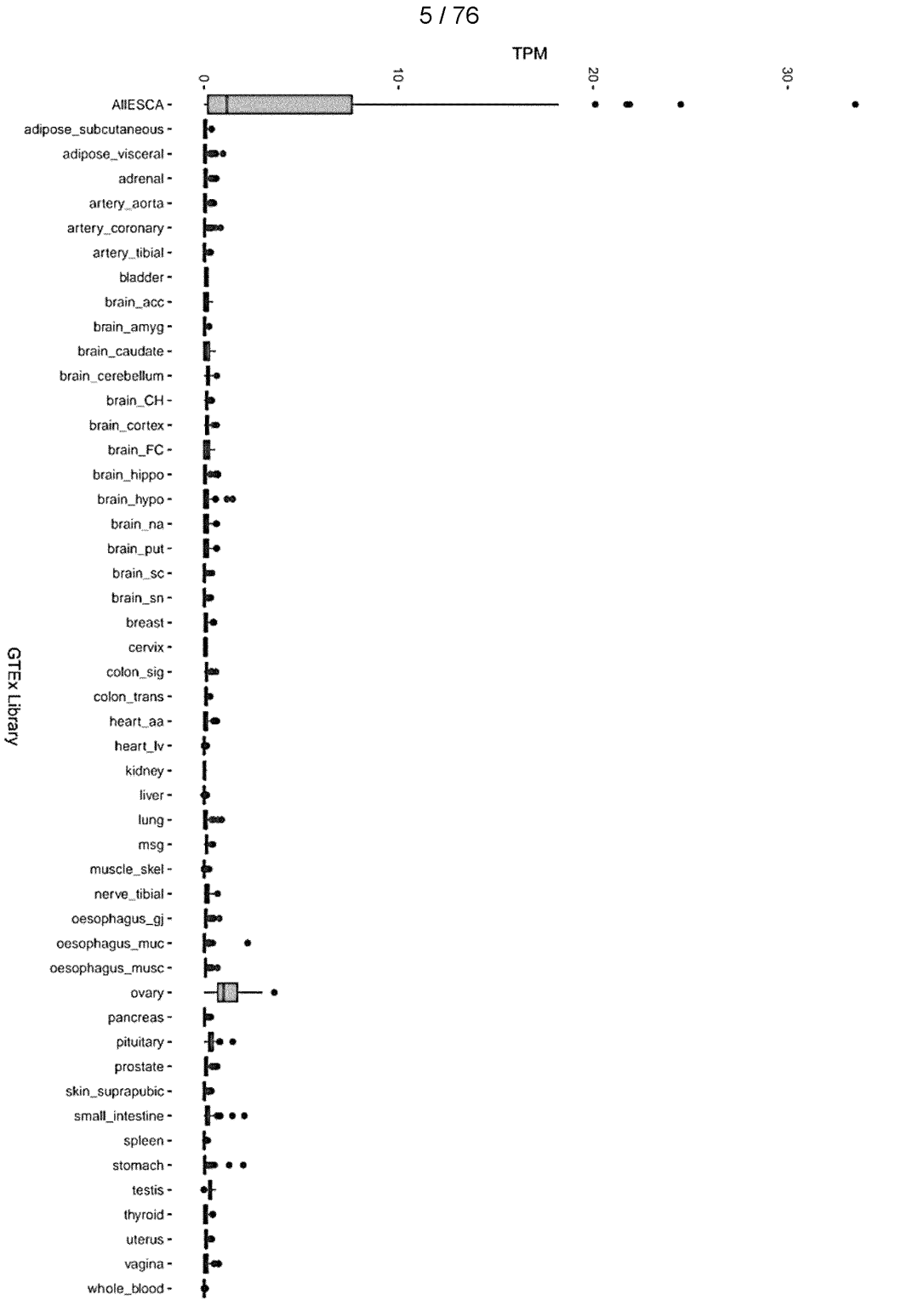


Figure 3A (EVA003, SEQ ID NO.3)

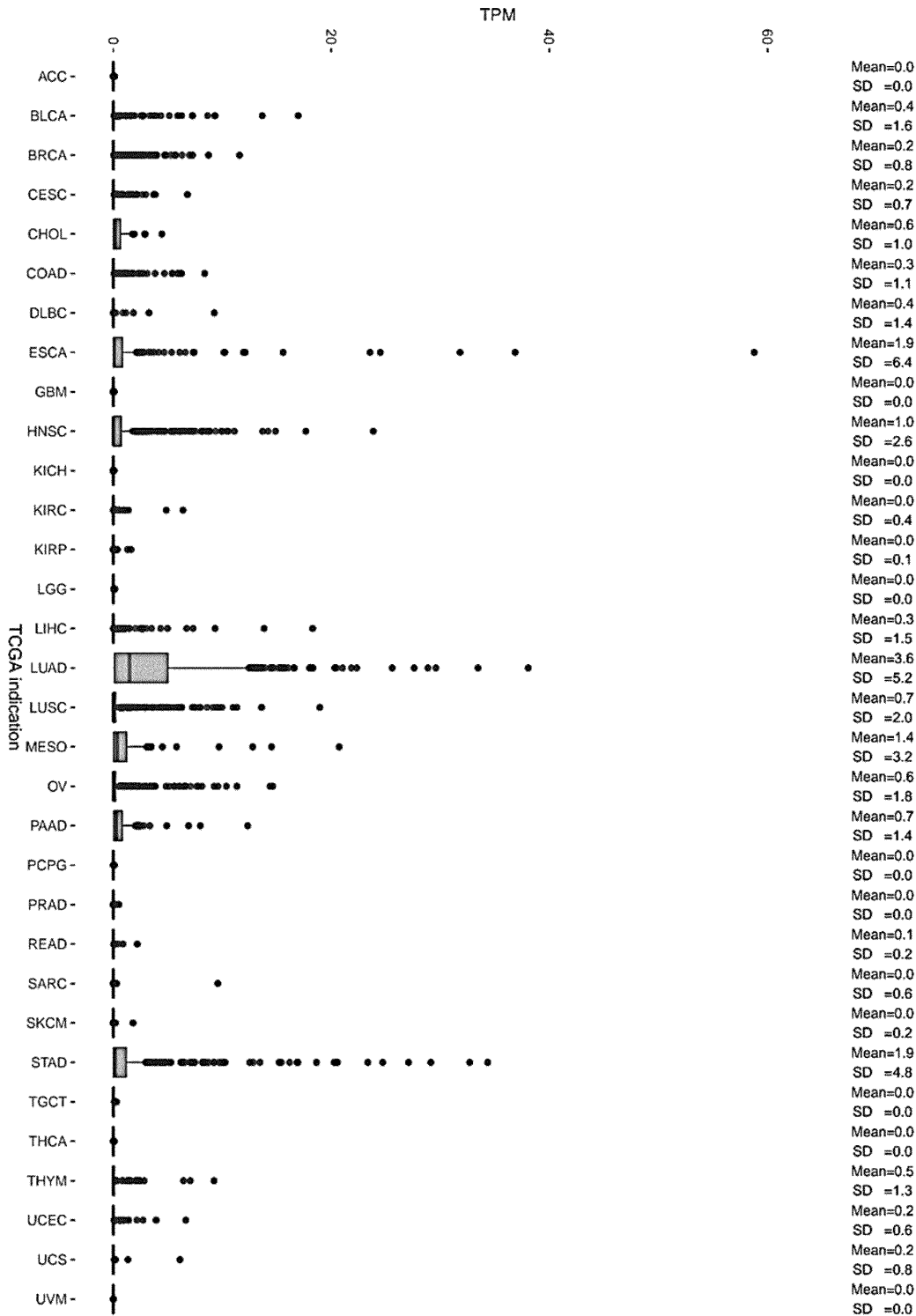


Figure 3B (EVA003, SEQ ID NO.3)

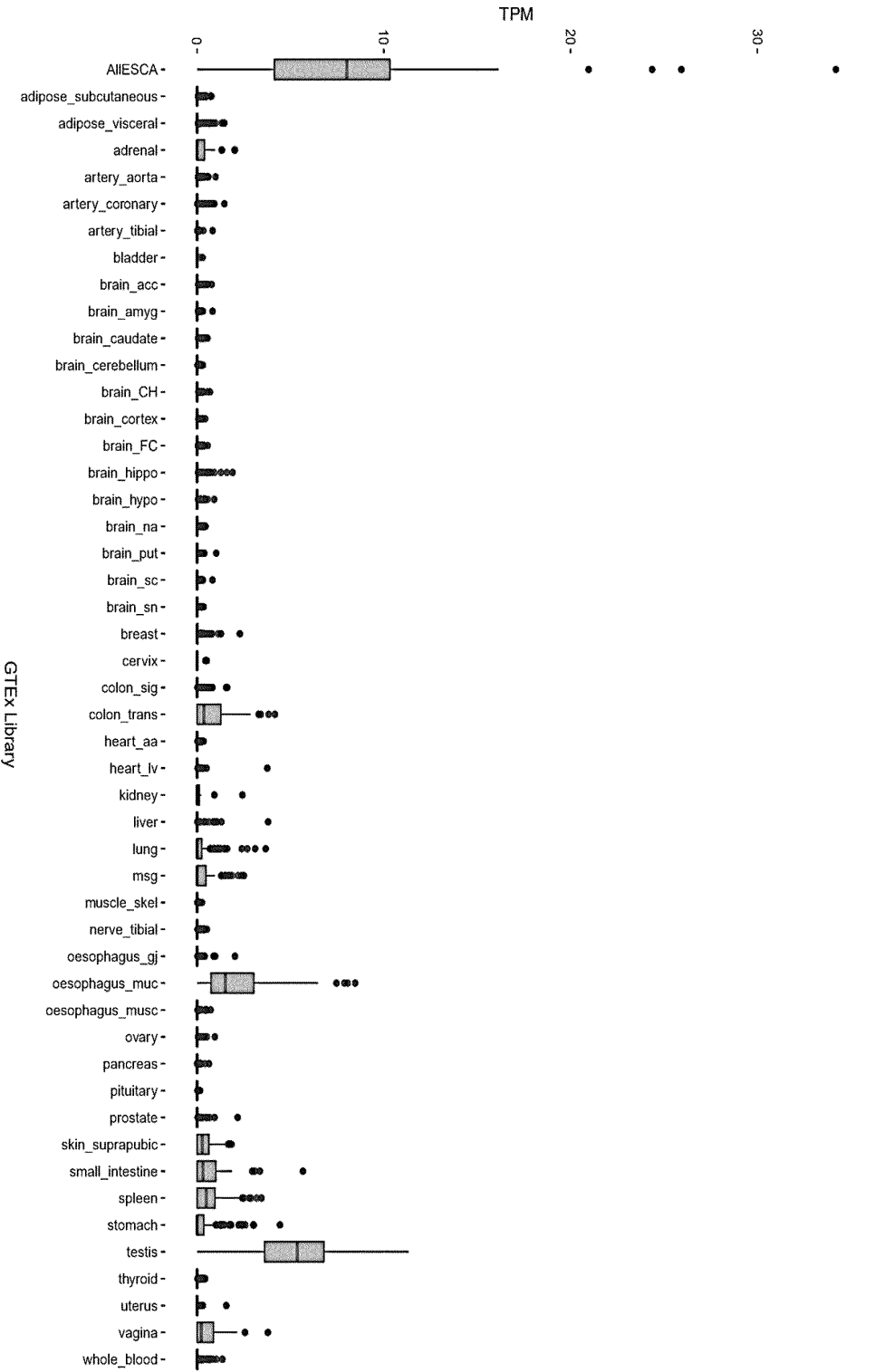


Figure 4A (EVA004, SEQ ID NO.4)

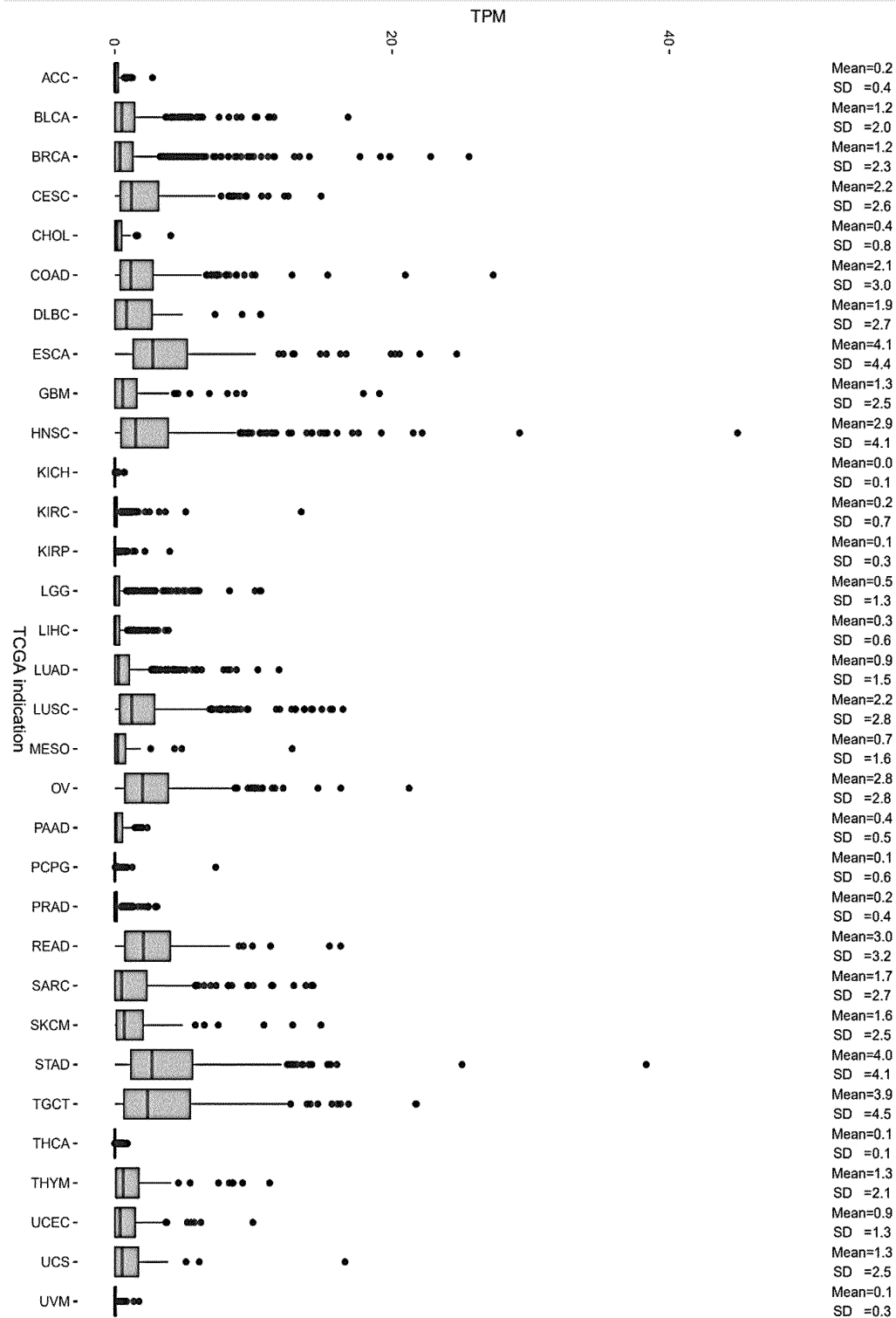


Figure 4B (EVA004, SEQ ID NO.4)



Figure 5A (EVA005, SEQ ID NO.5)

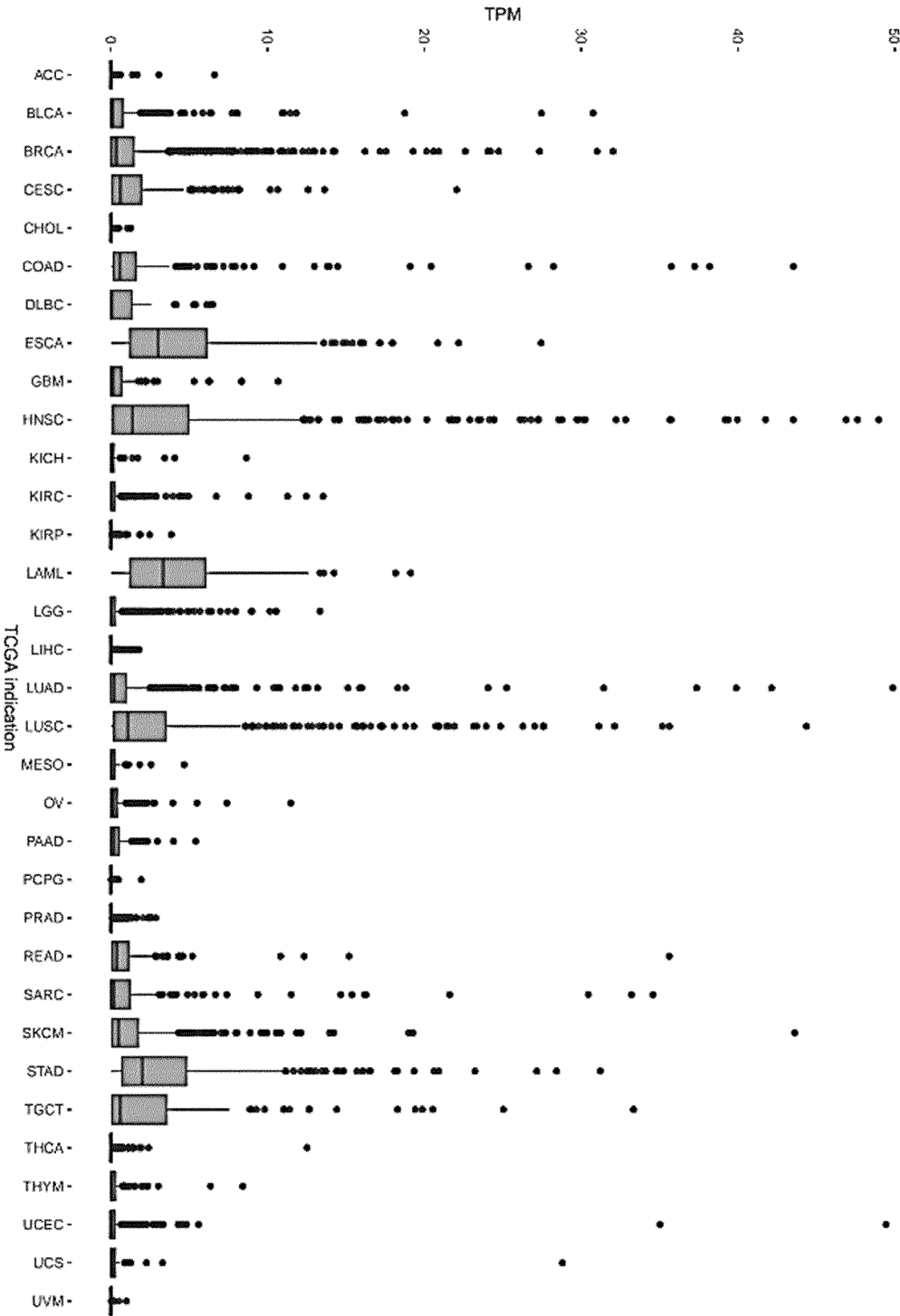


Figure 5B (EVA005, SEQ ID NO.5)

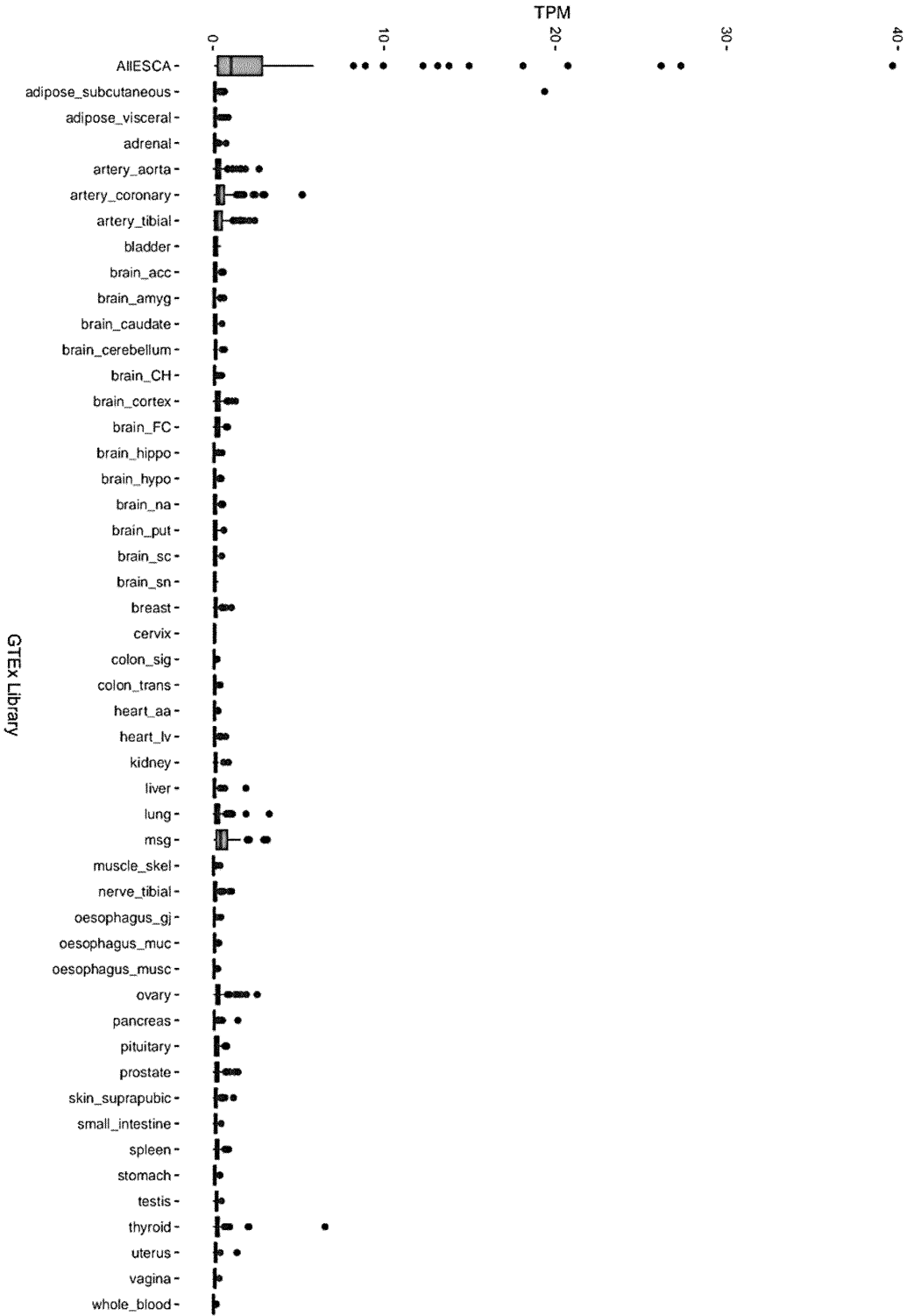


Figure 6A (EVA006, SEQ ID NO.6)

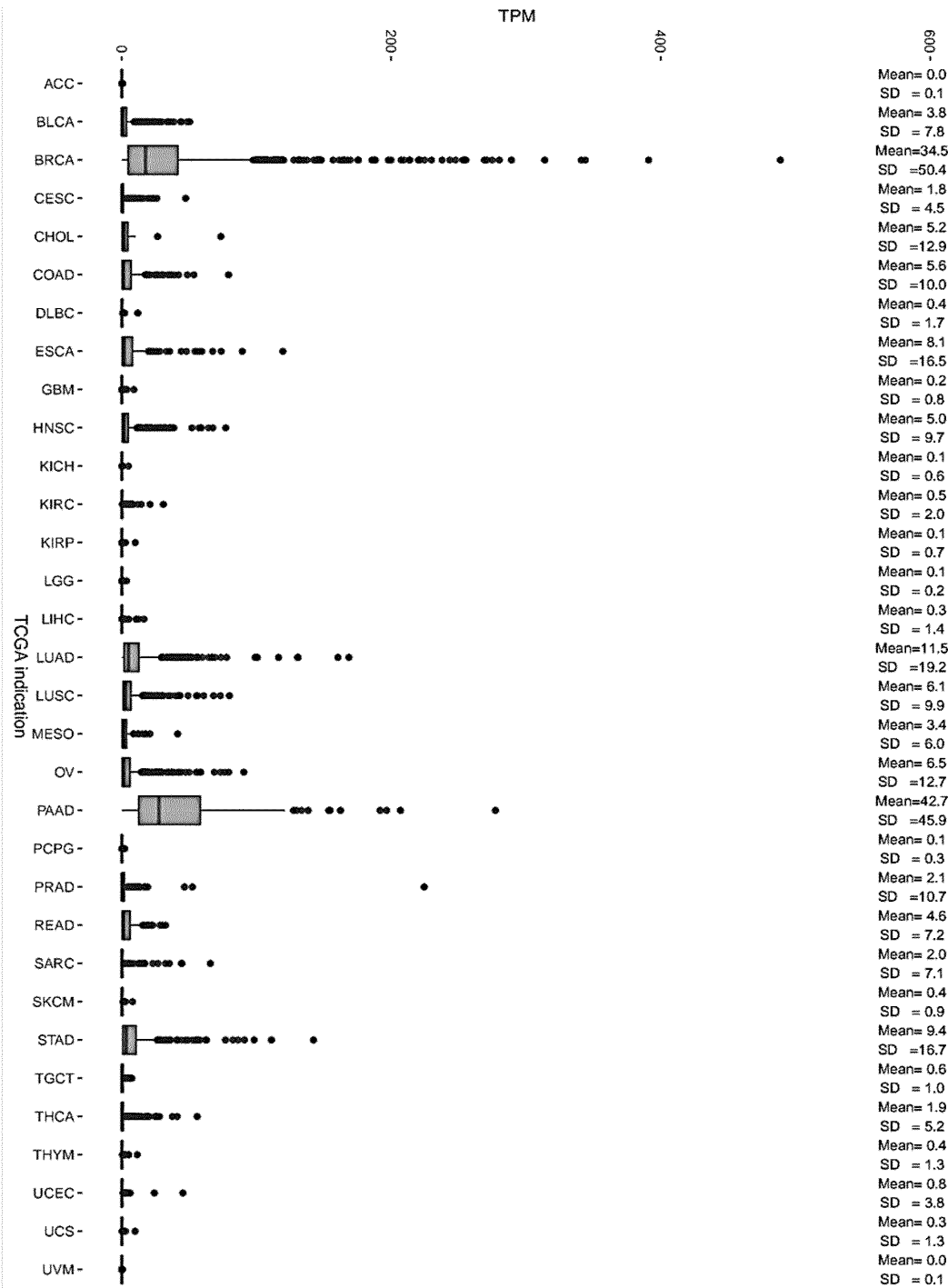


Figure 6B (EVA006, SEQ ID NO.6)



Figure 7A (EVA007, SEQ ID NO.7)

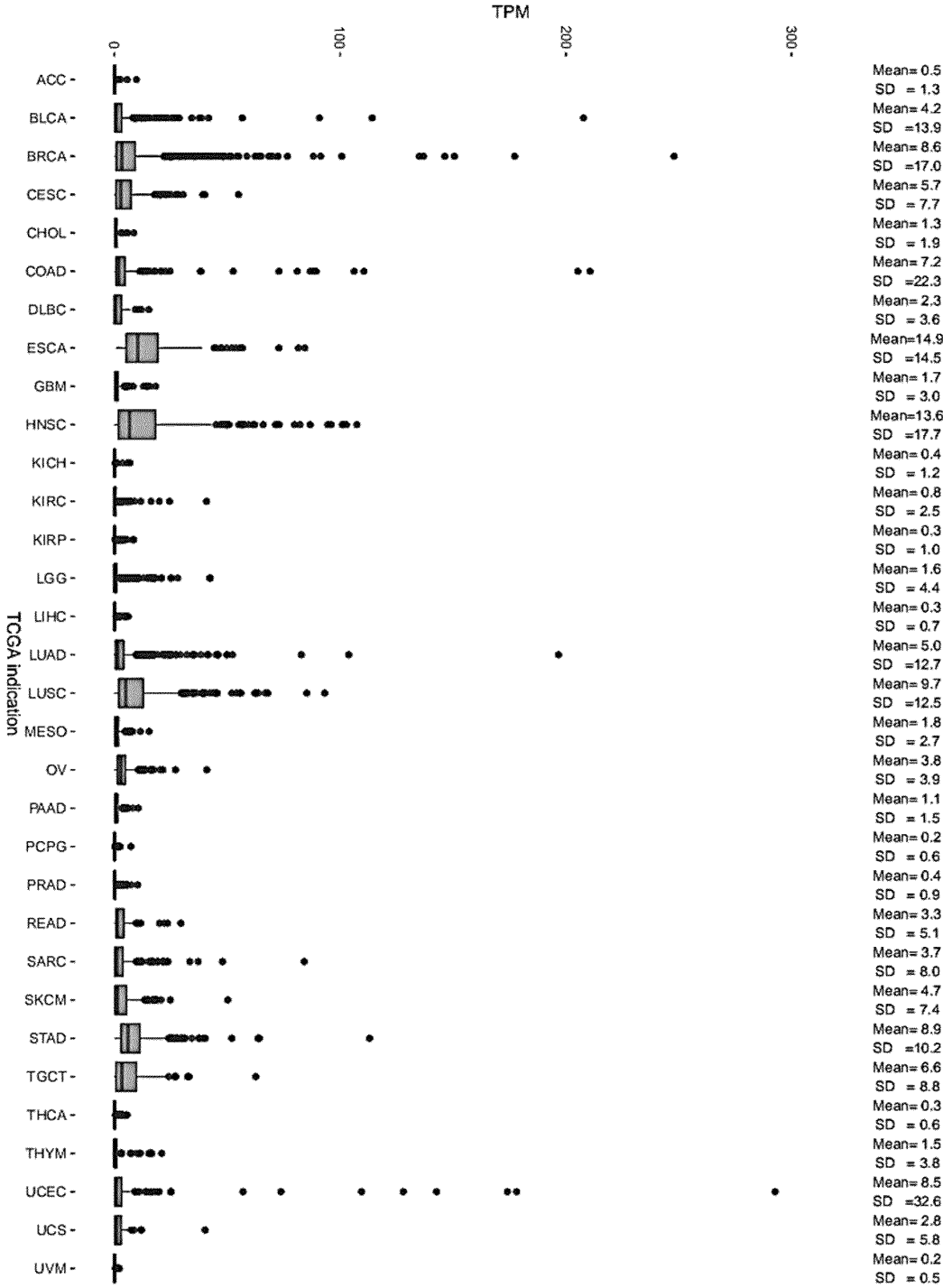


Figure 7B (EVA007, SEQ ID NO.7)

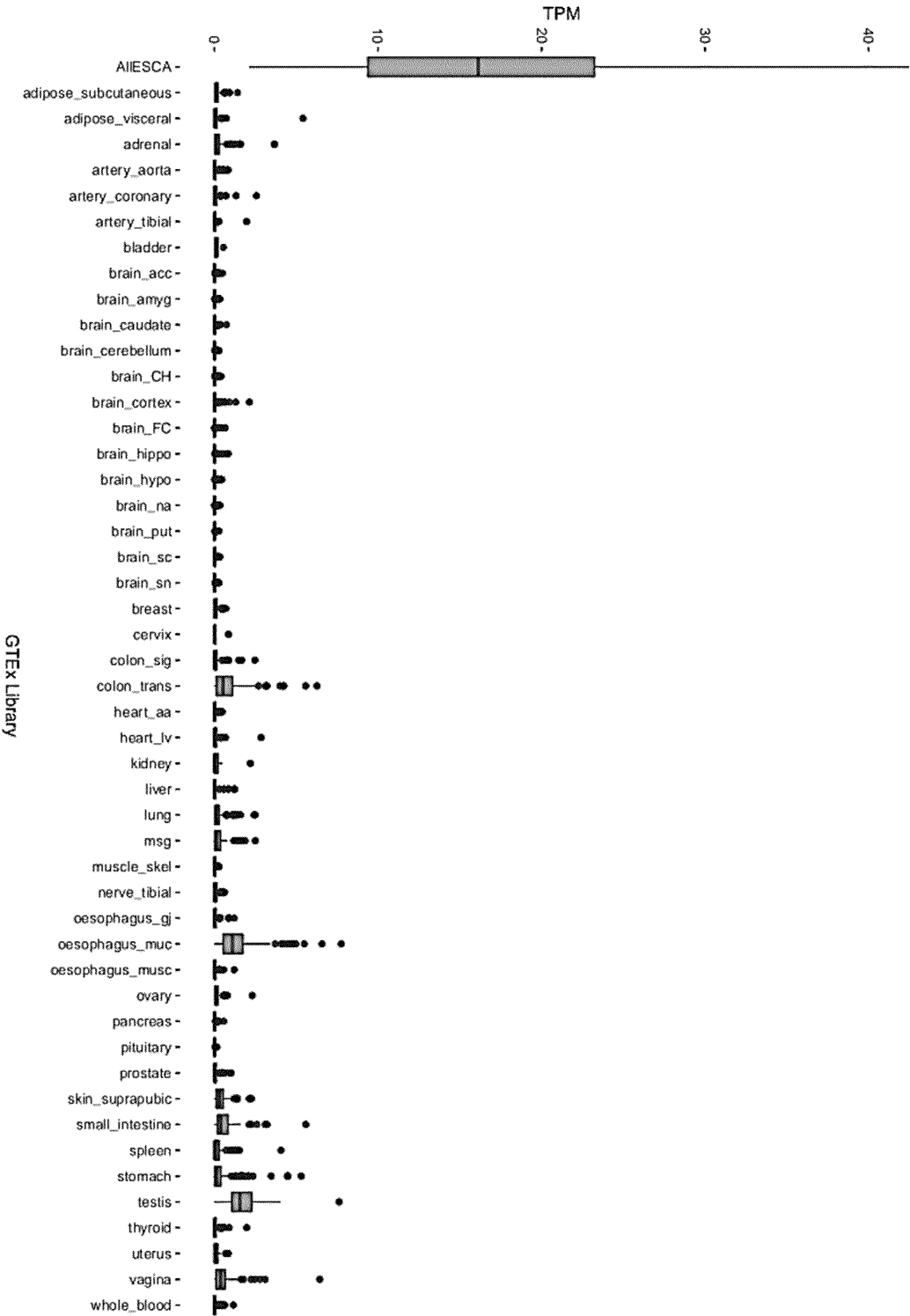


Figure 8A (EVA008, SEQ ID NO.8)

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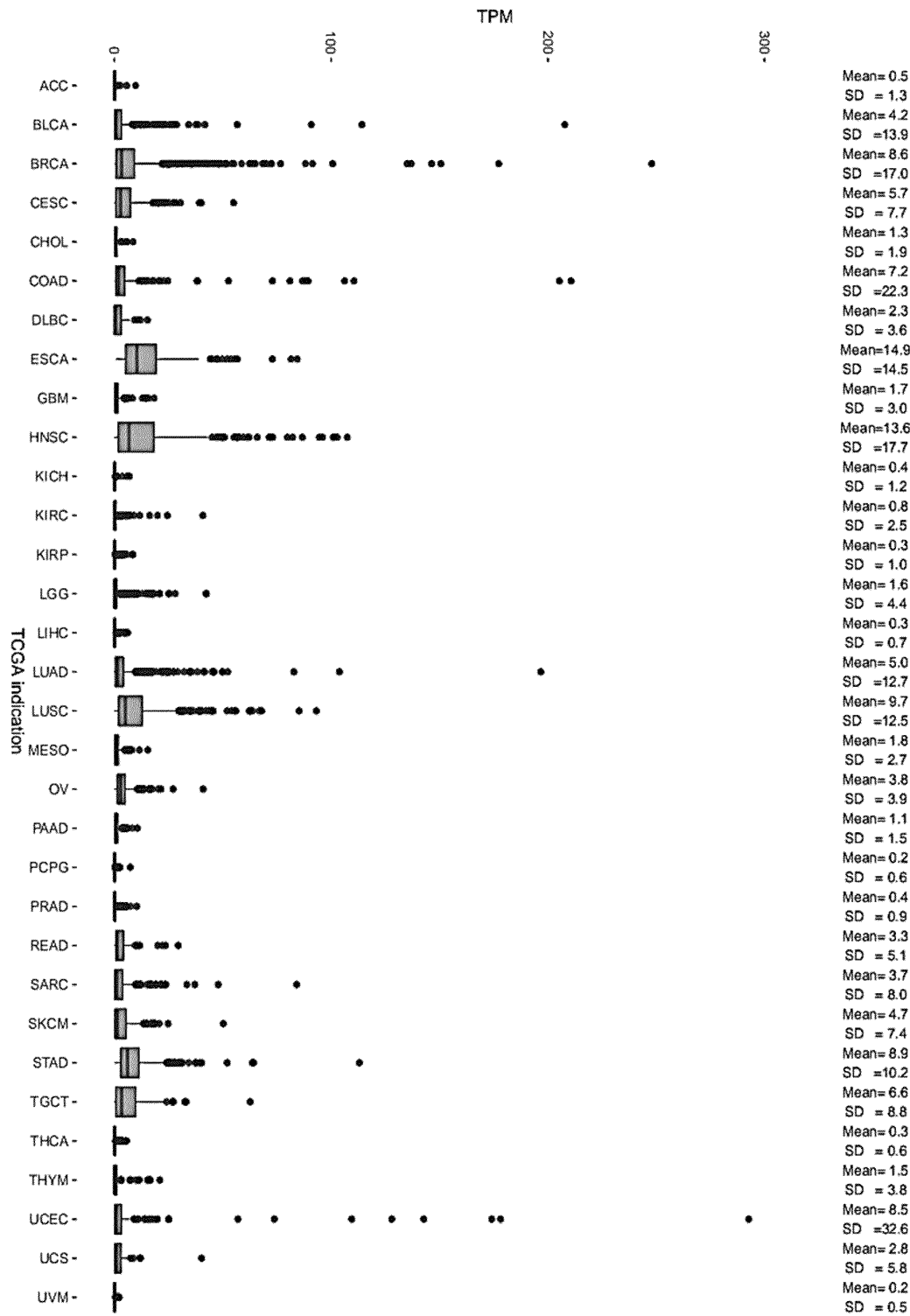


Figure 8B (EVA008, SEQ ID NO.8)

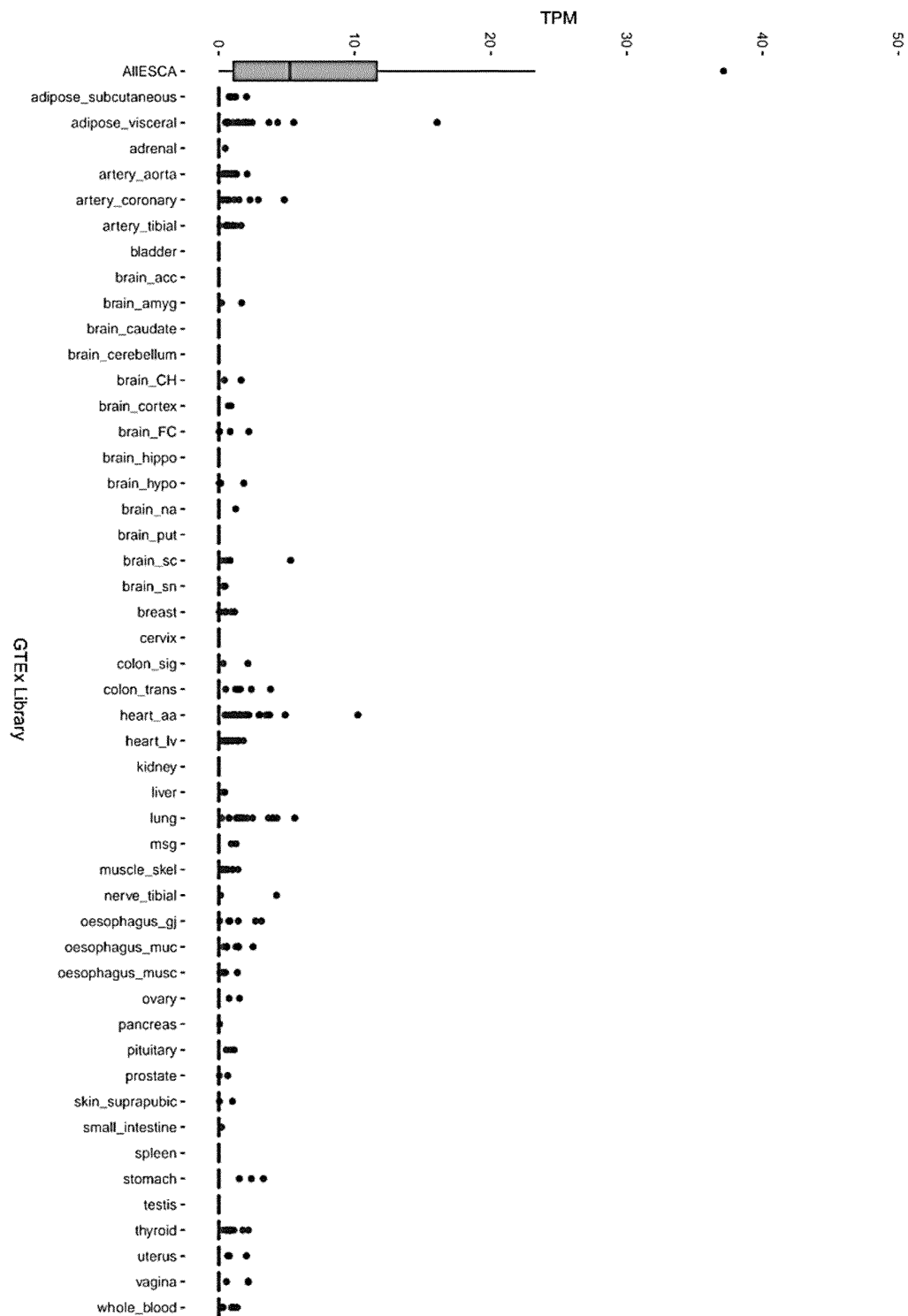


Figure 9A (EVA009, SEQ ID NO.9)

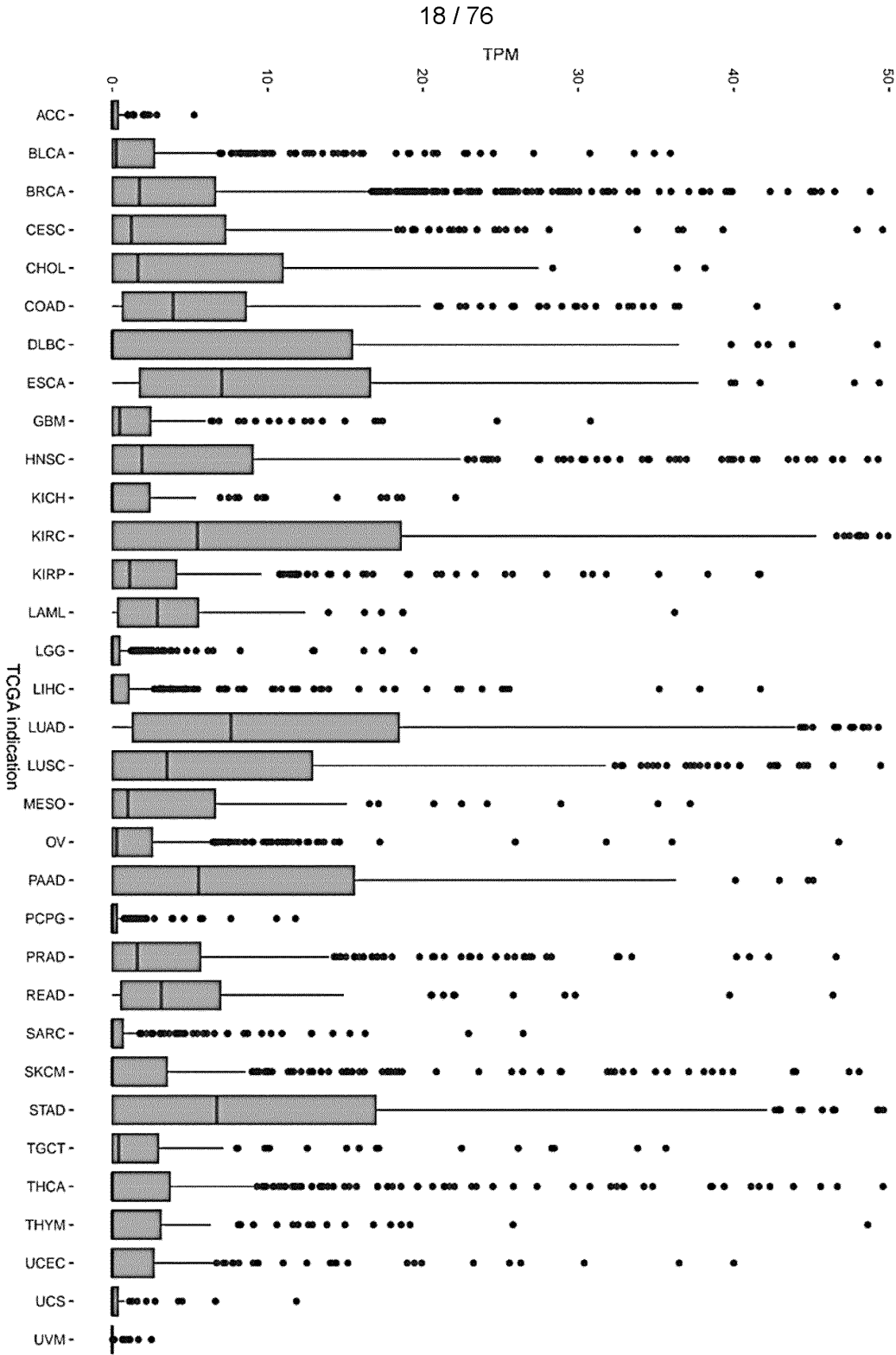


Figure 9B (EVA009, SEQ ID NO.9)

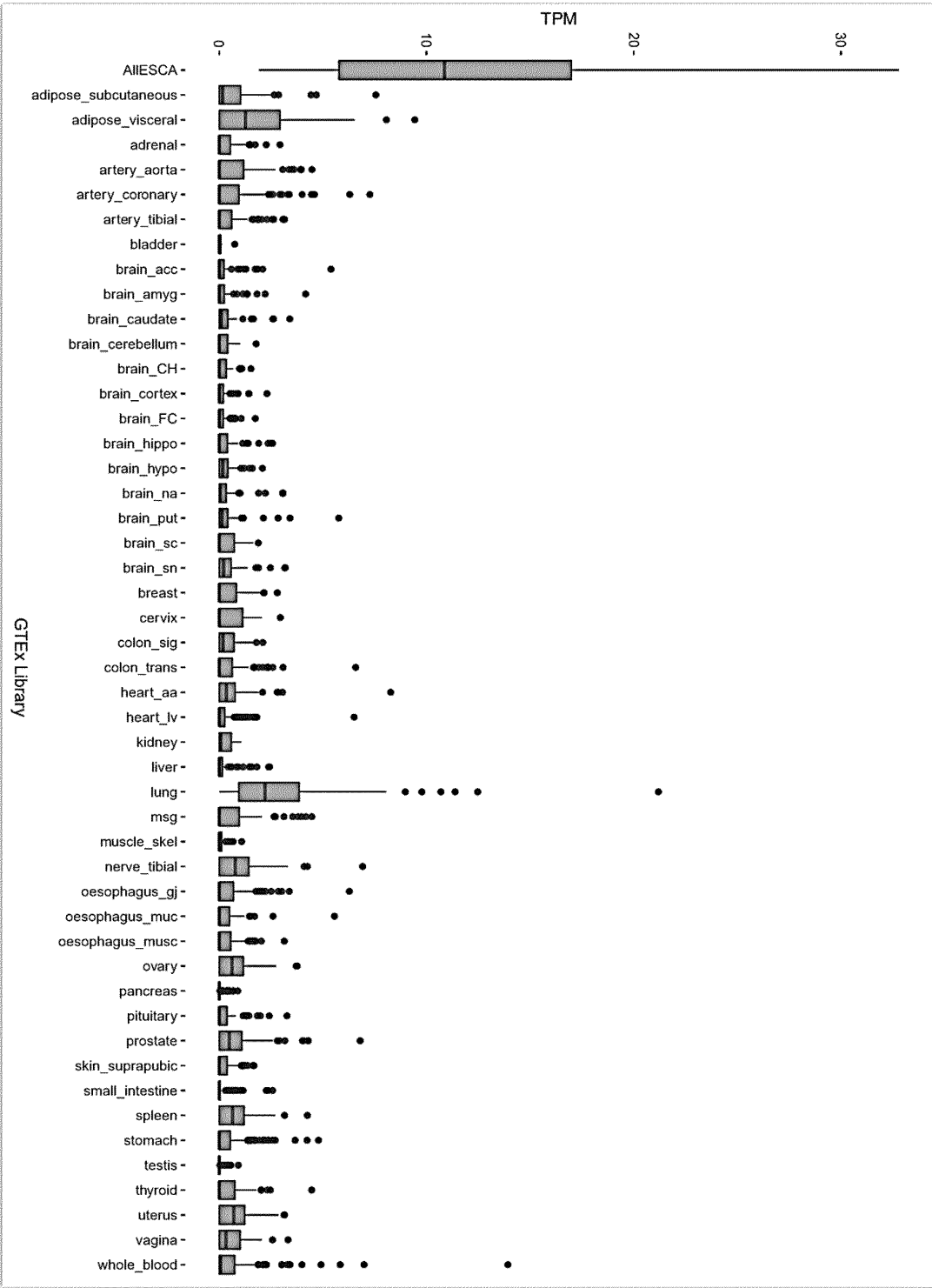


Figure 10A (EVA010, SEQ ID NO.10)

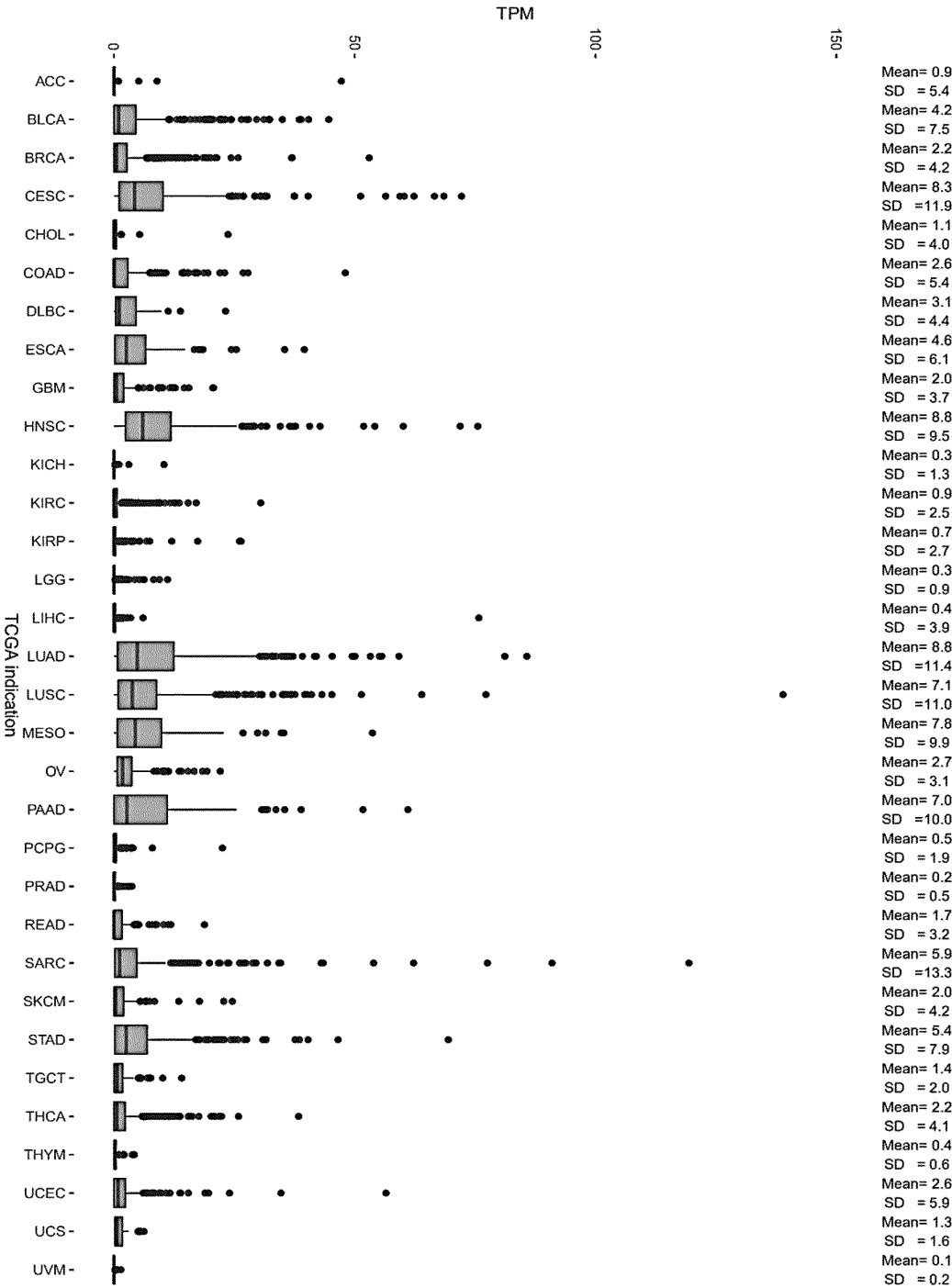


Figure 10B (EVA010, SEQ ID NO.10)

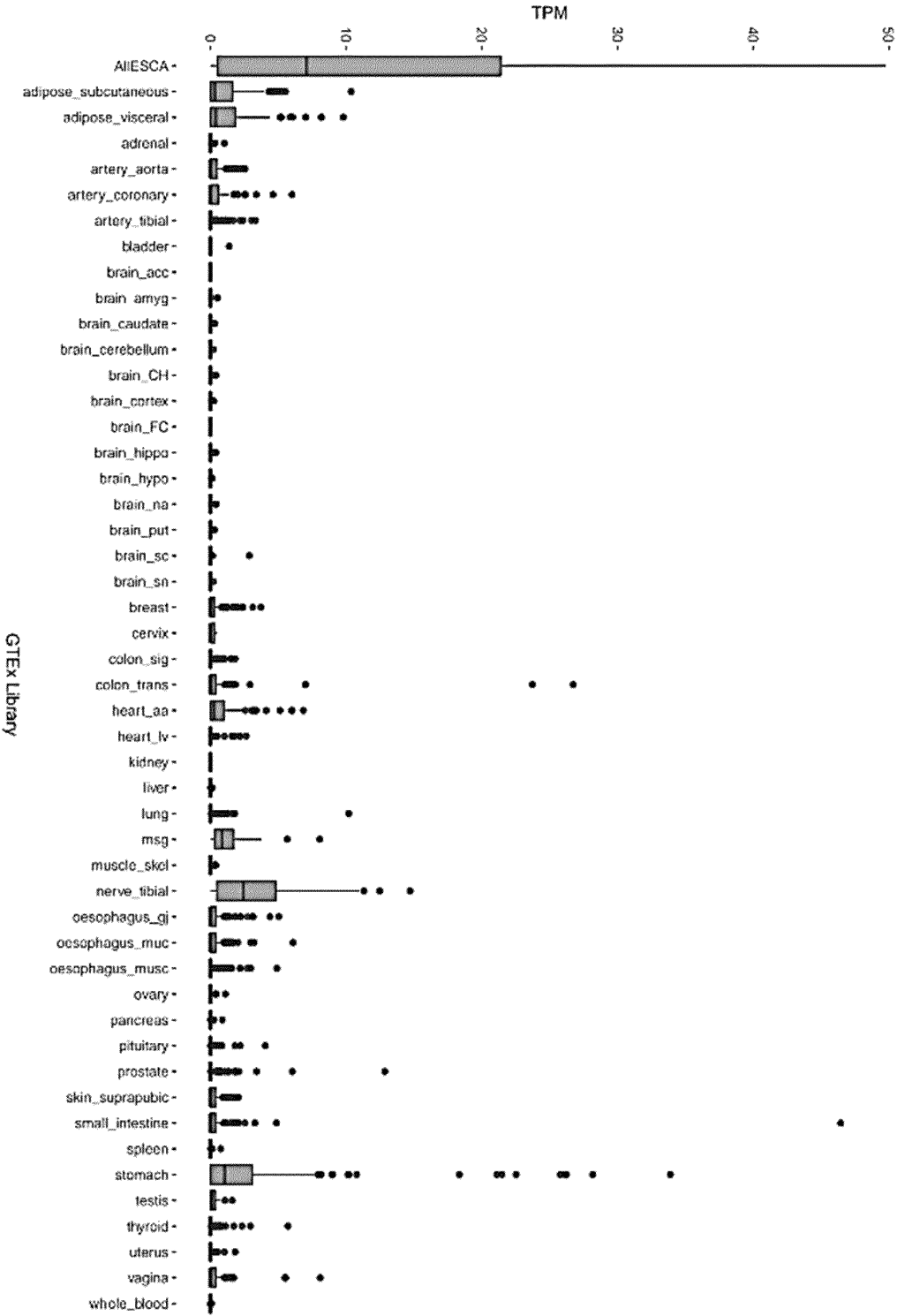


Figure 11A (EVA011, SEQ ID NO;11)

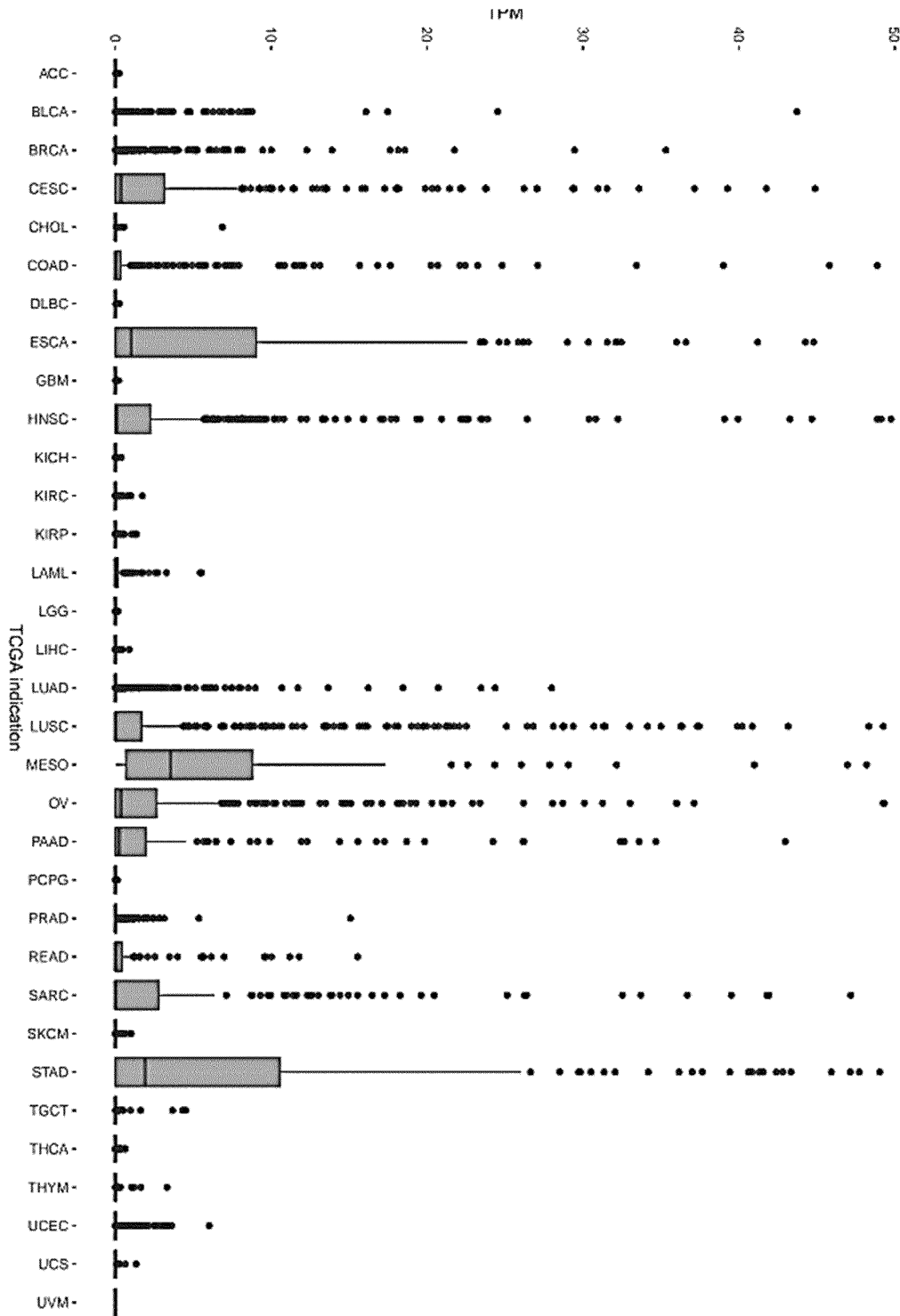


Figure 11B (EVA011, SEQ ID NO;11)



Figure 12A (EVA012, SEQ ID NO.12)

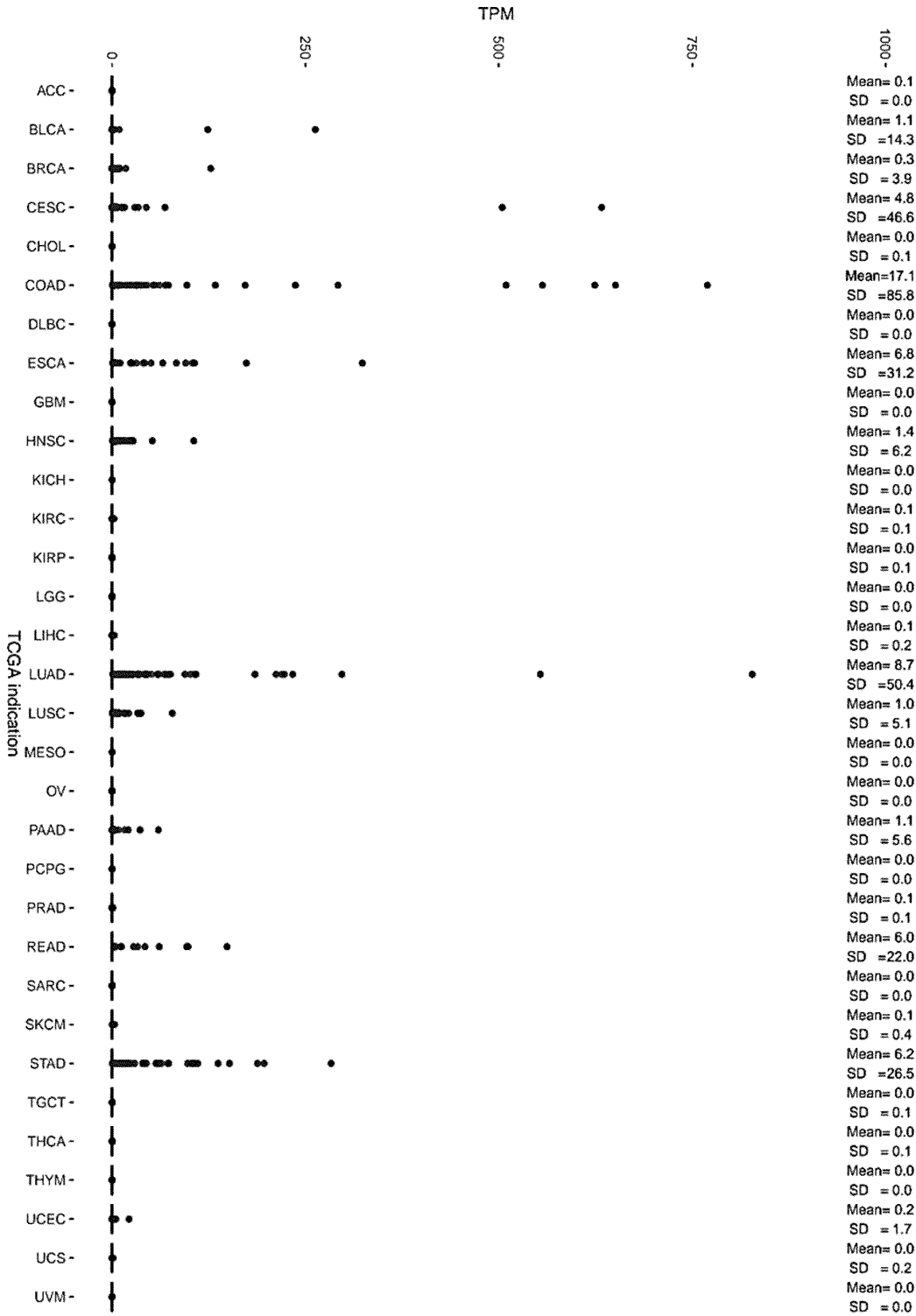


Figure 12B (EVA012, SEQ ID NO.12)

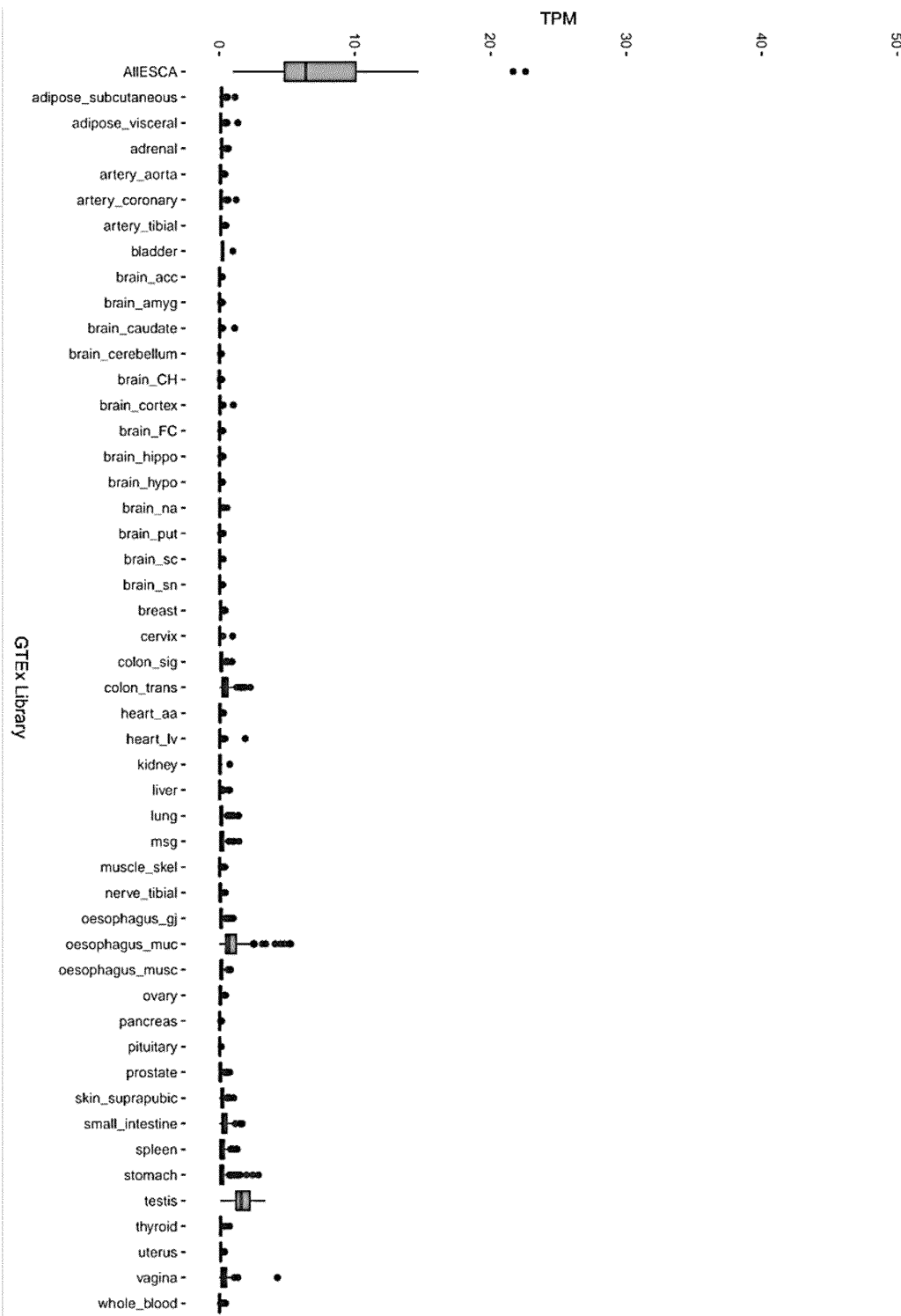


Figure 13A (EVA013, SEQ ID NO.13)

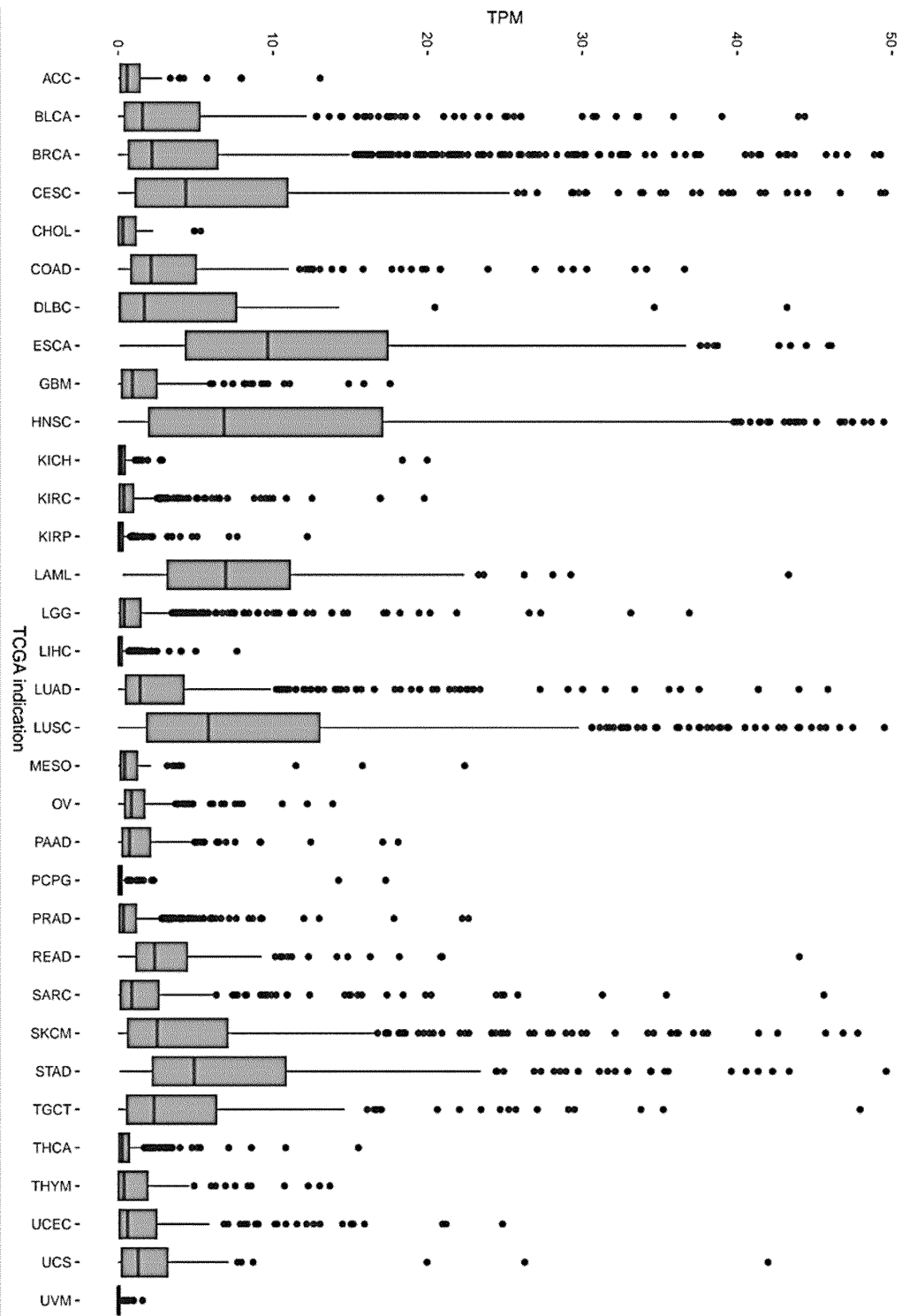


Figure 13B (EVA013, SEQ ID NO.13)

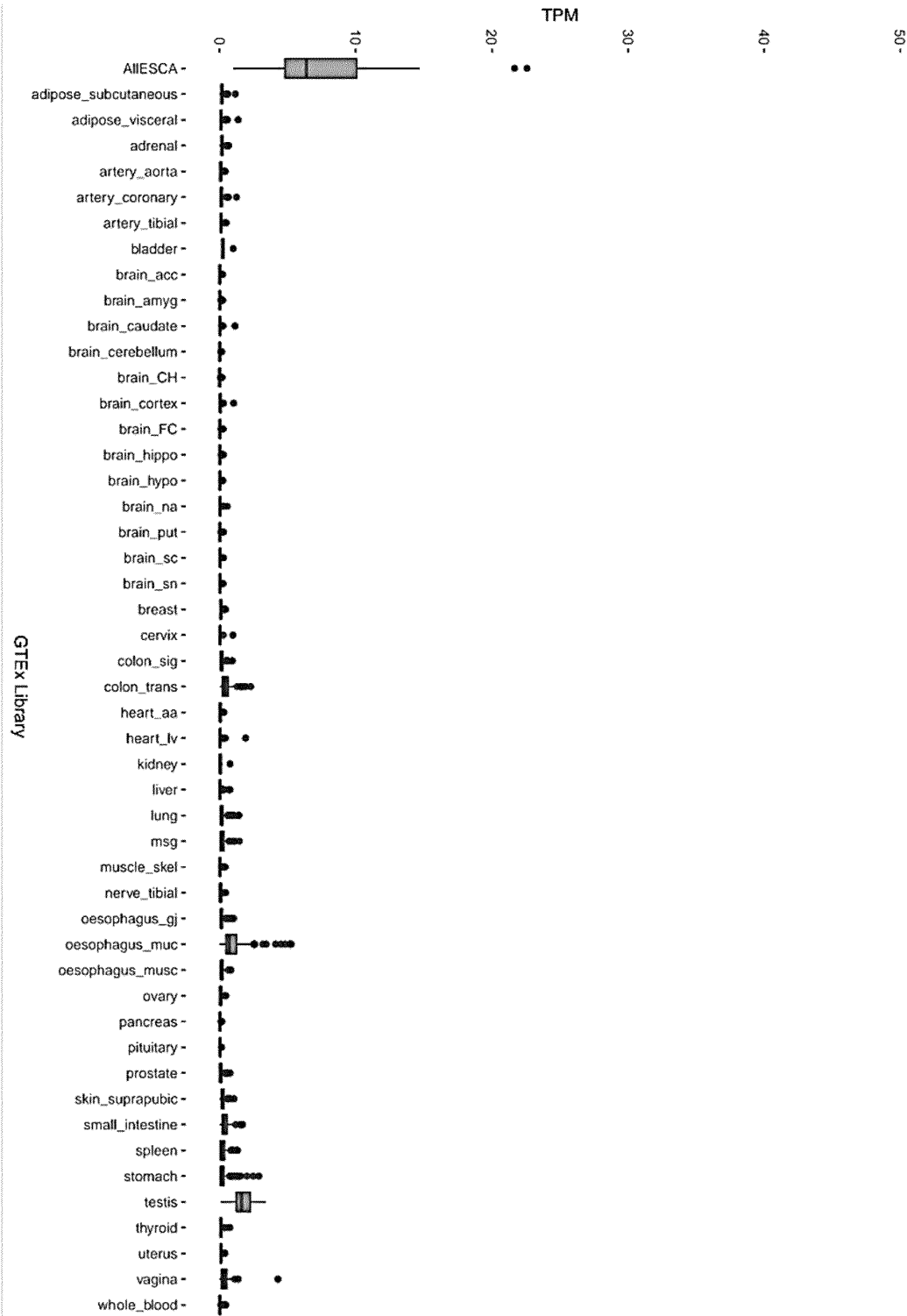


Figure 14A (EVA014, SEQ ID NO.14)

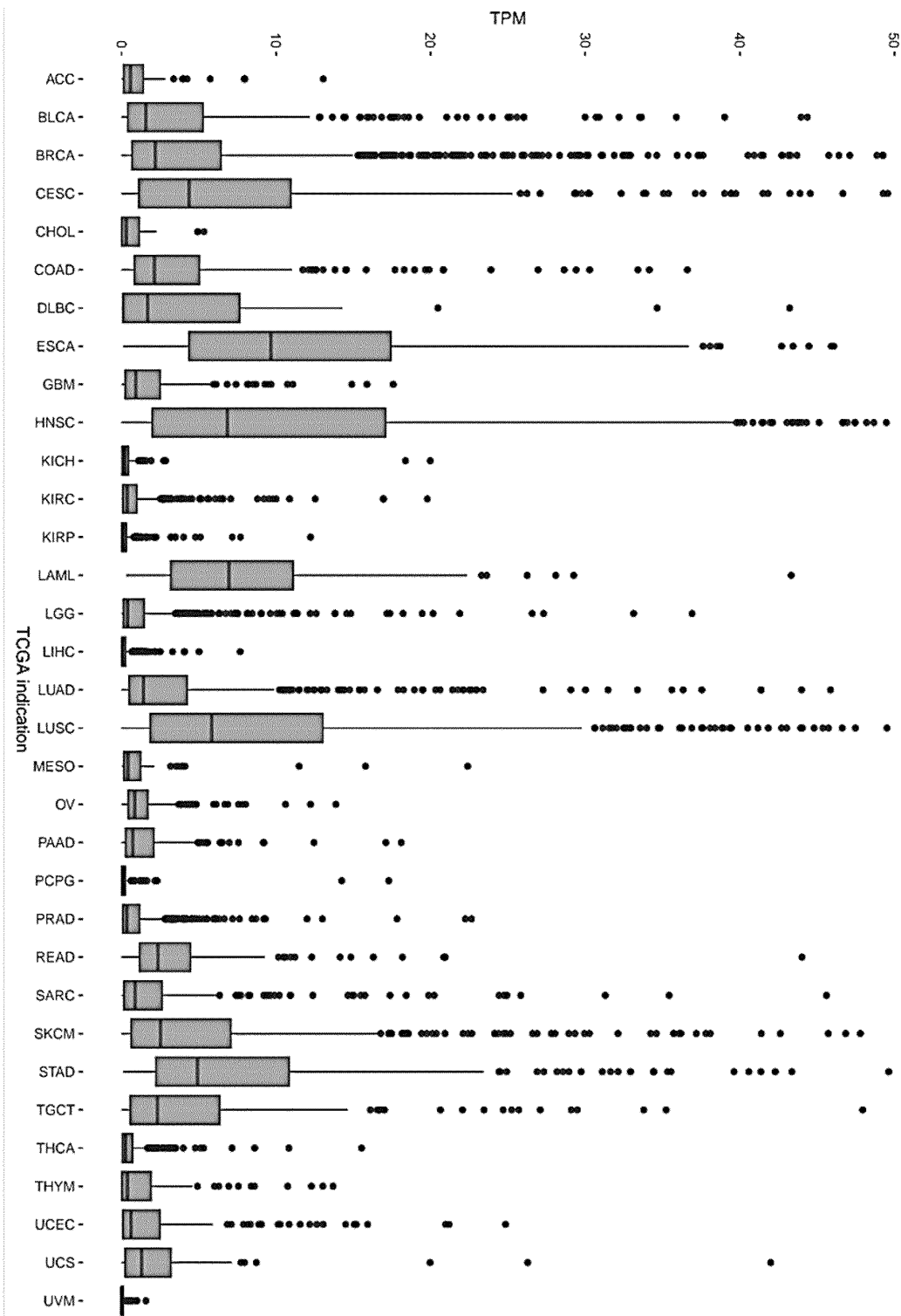


Figure 14B (EVA014, SEQ ID NO.14)

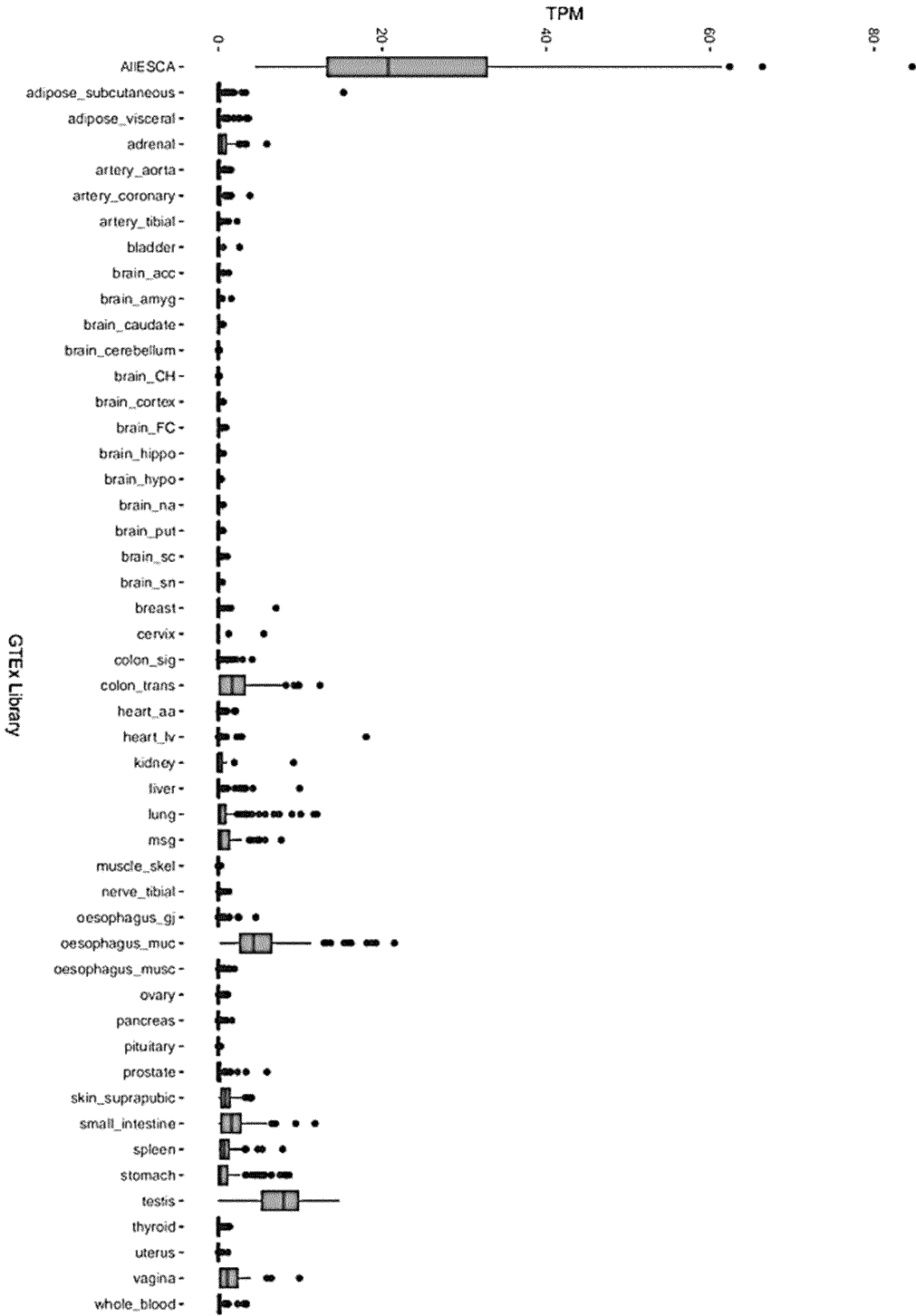


Figure 15A (EVA015, SEQ ID NO.15)

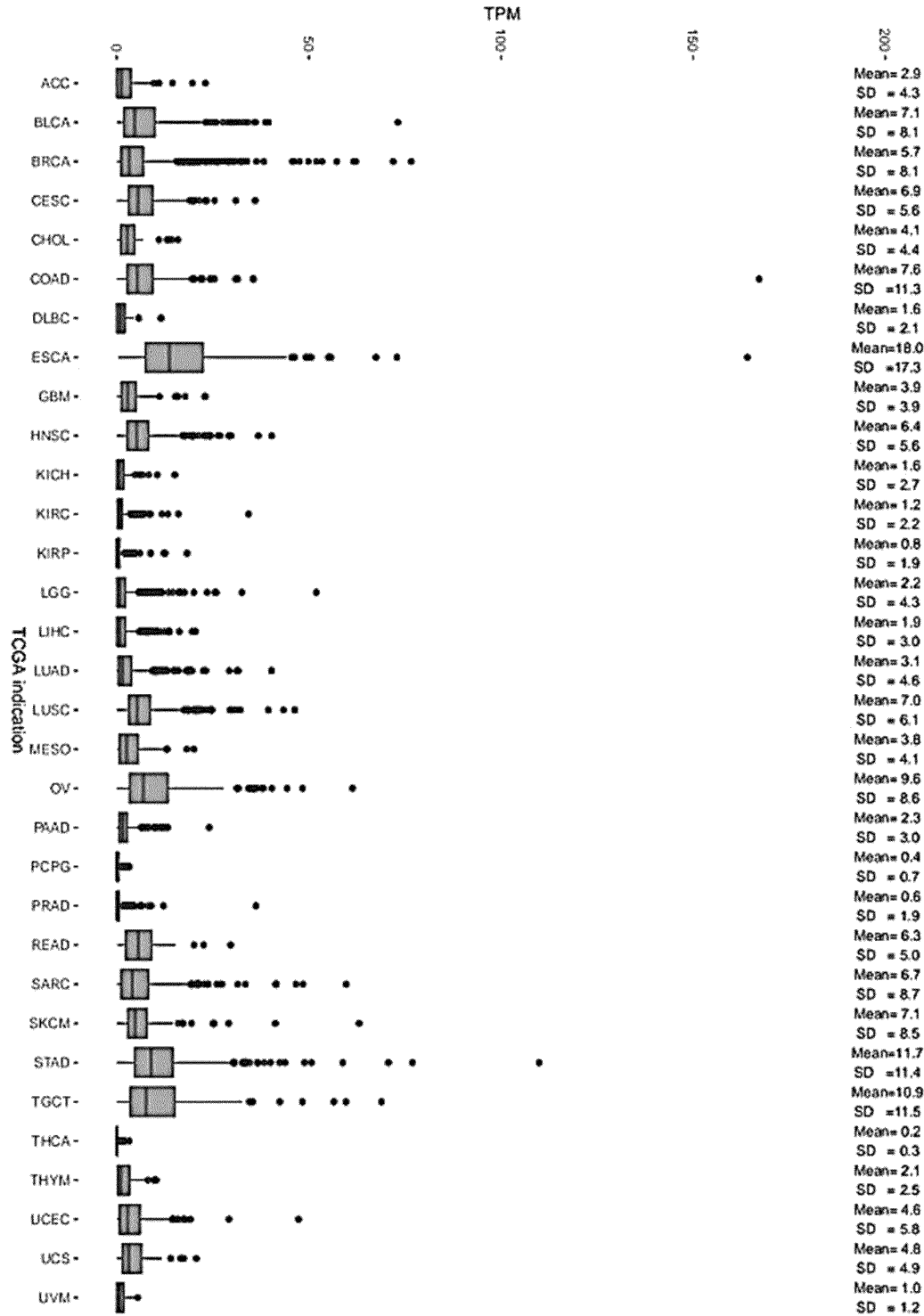


Figure 15B (EVA015, SEQ ID NO.15)

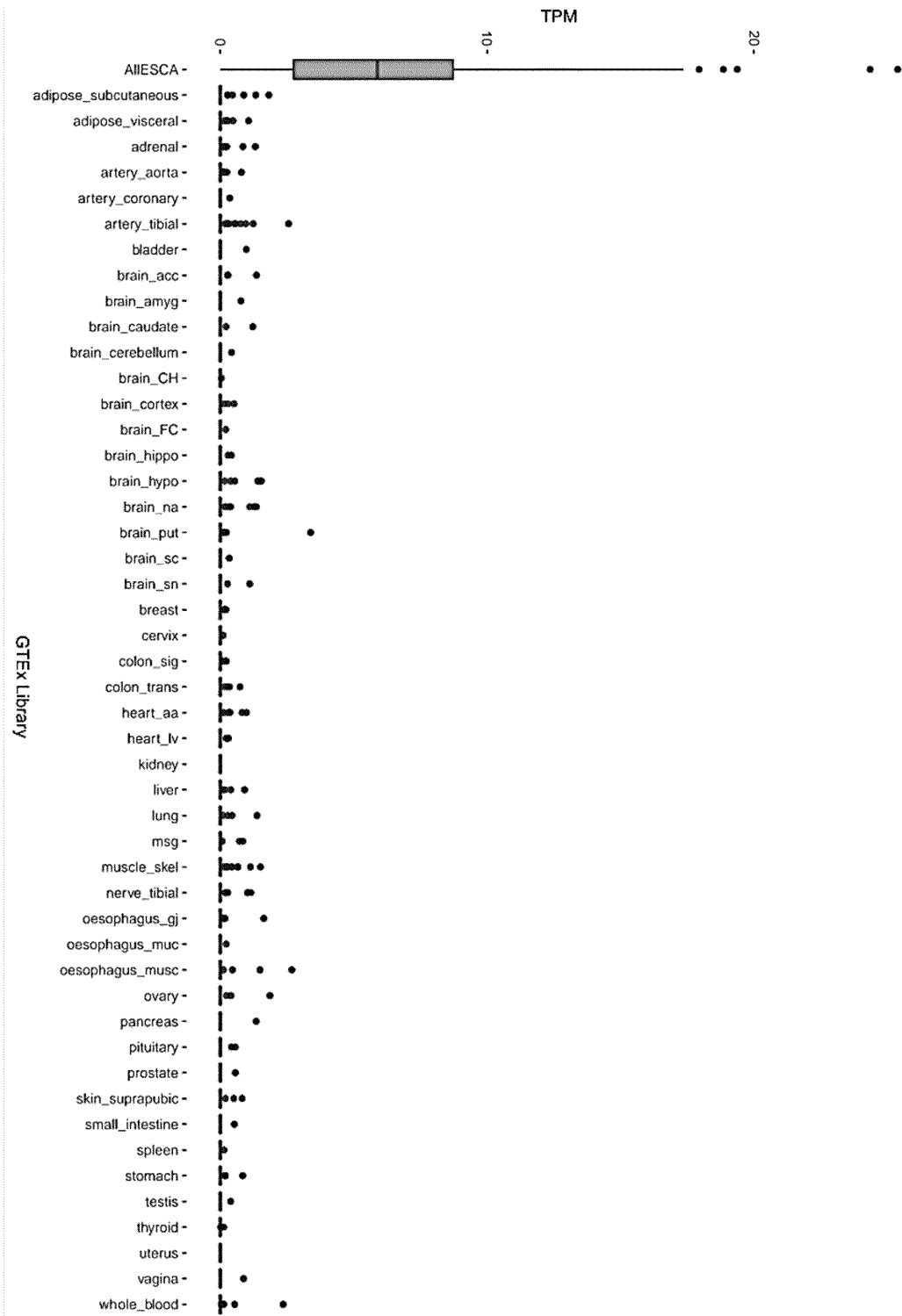


Figure 16A (EVA016, SEQ ID NO.16)

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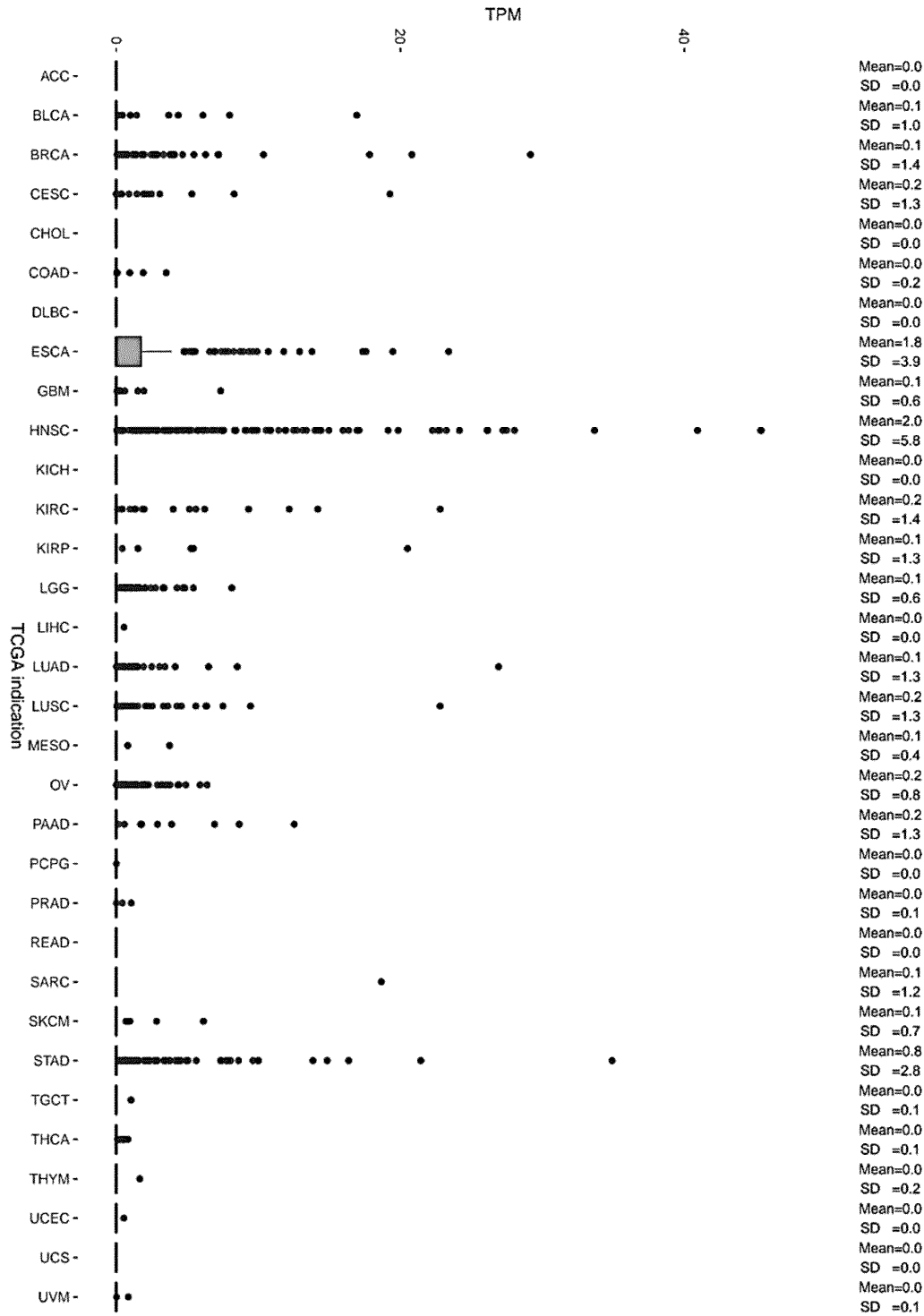


Figure 16B (EVA016, SEQ ID NO.16)

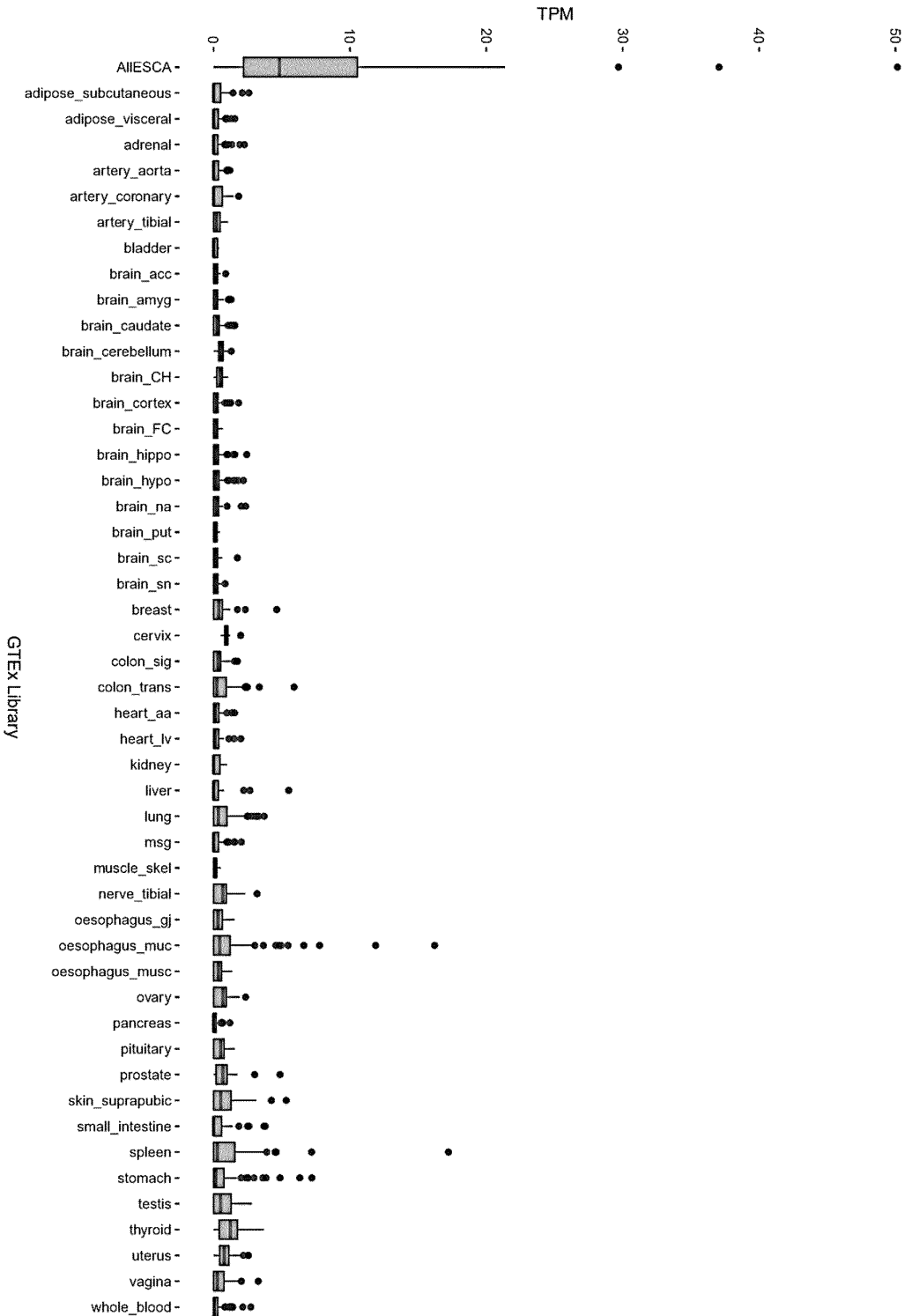


Figure 17A (EVA017, SEQ ID NO.17)

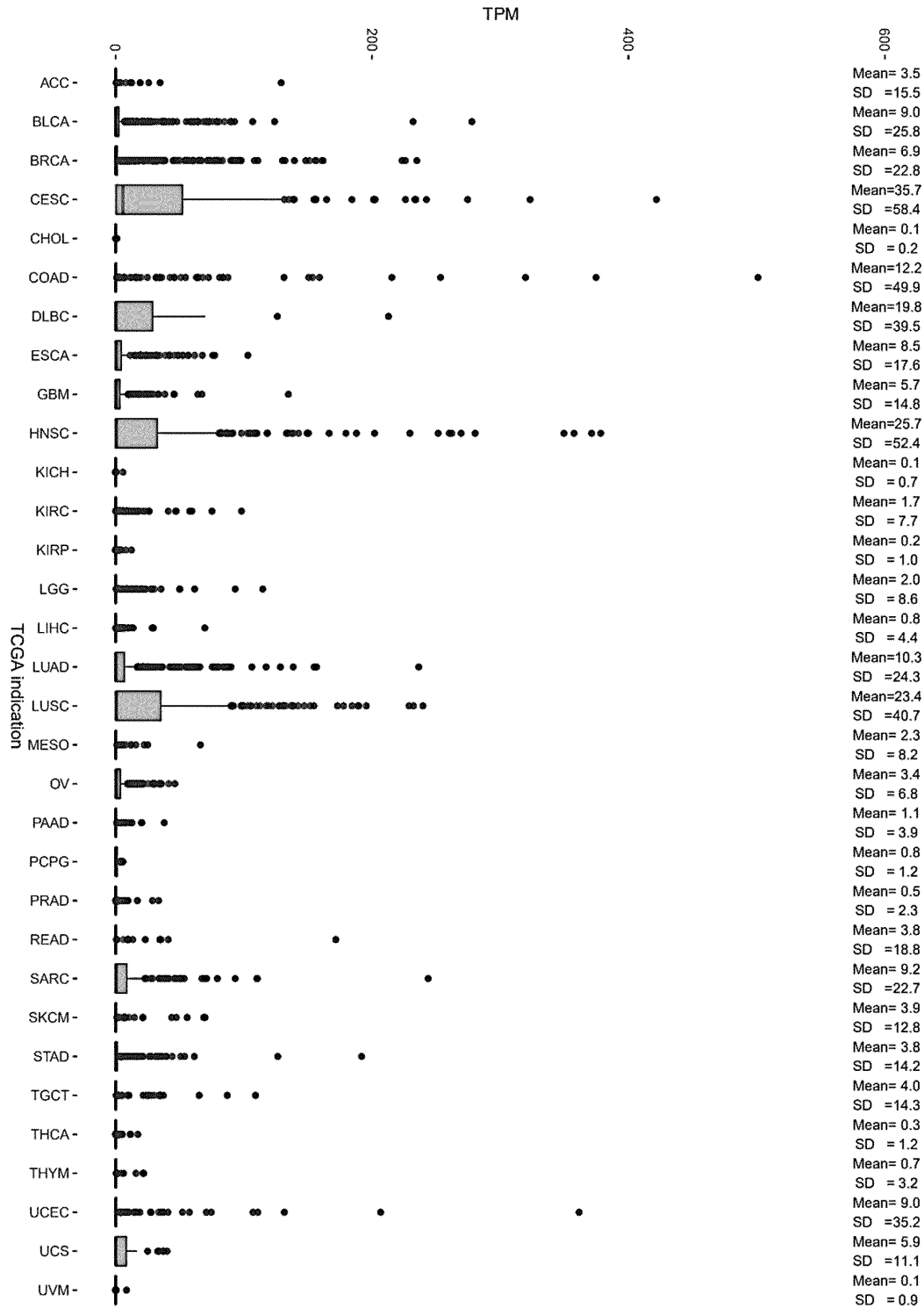


Figure 17B (EVA017, SEQ ID NO.17)

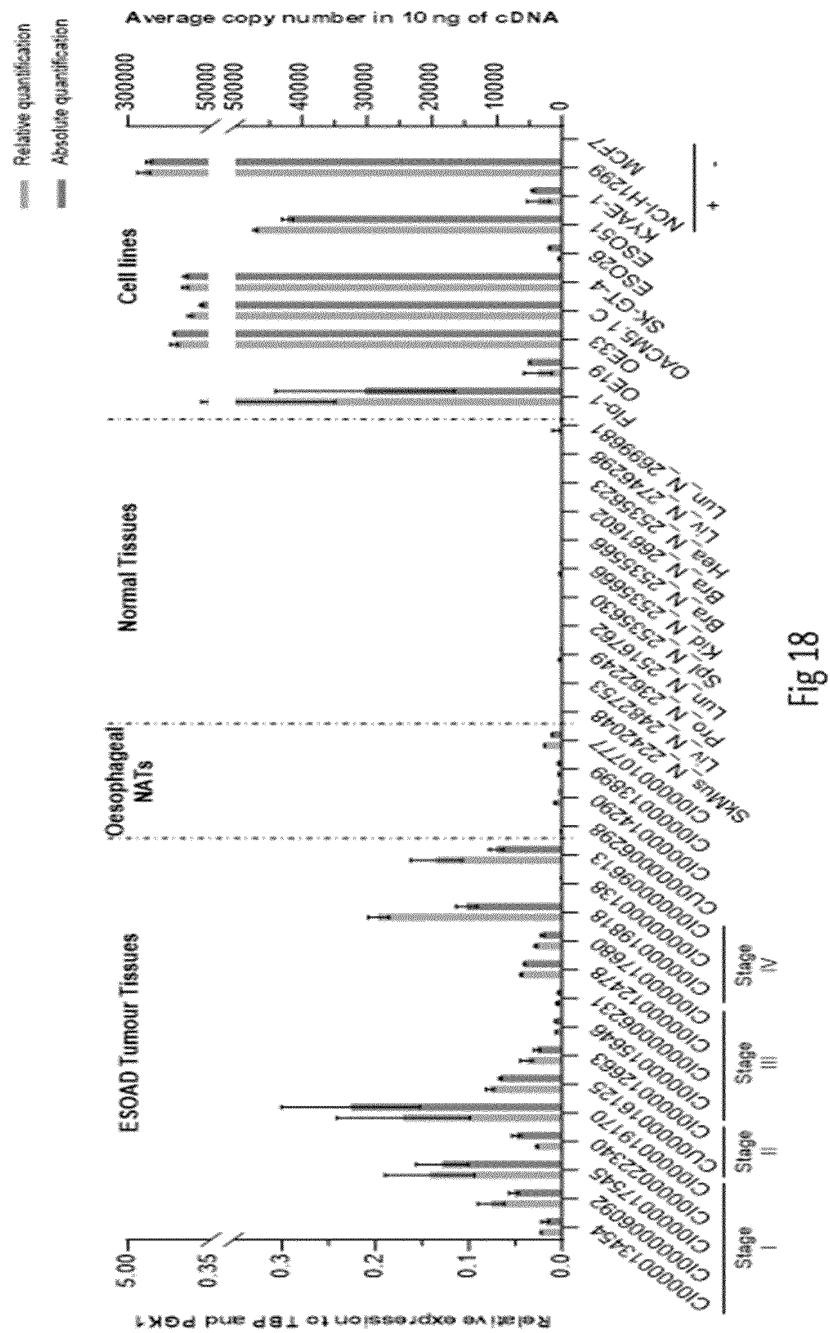


Figure 18. EVA001, SEQ ID NO:1, RT-qPCR

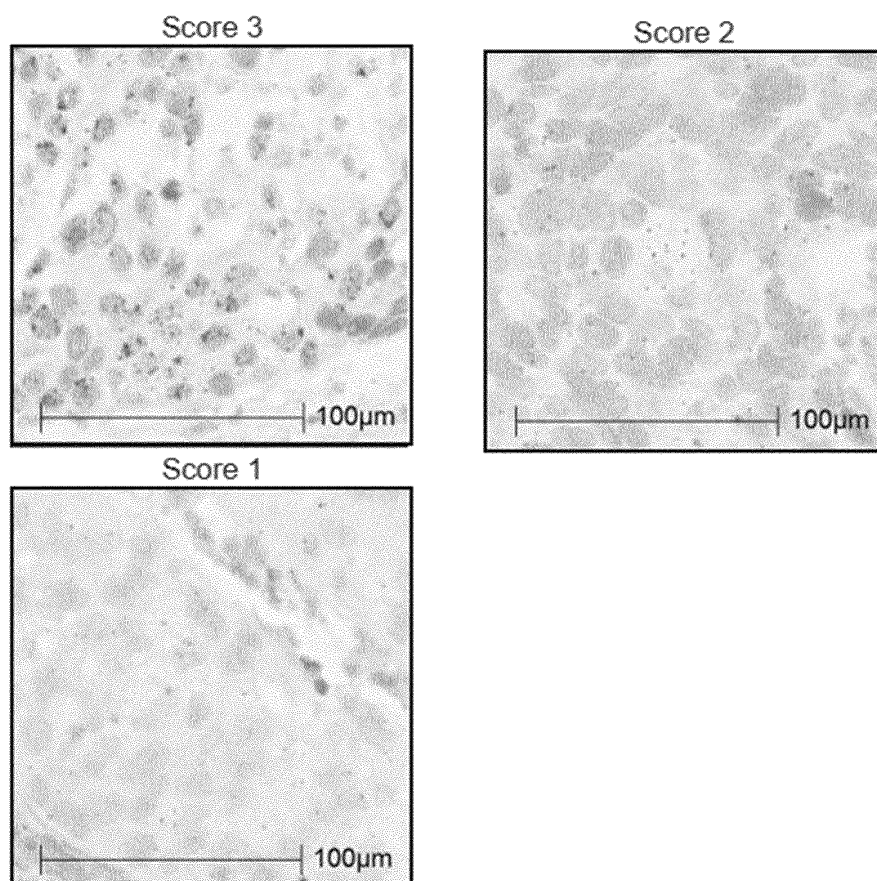
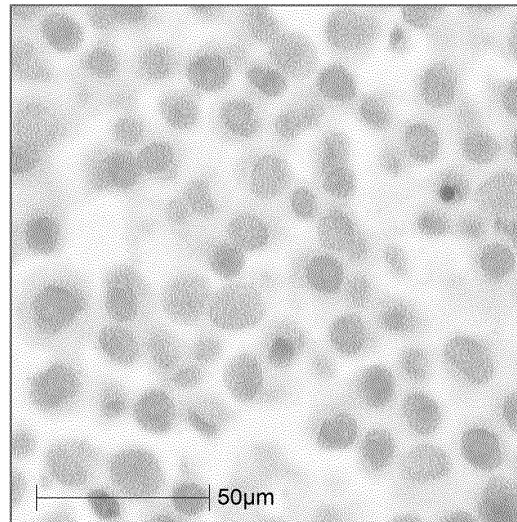


Figure 19

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Score 0 Mammary Gland Adenocarcinoma (MCF7) Negative Control



Score 3 Lung Carcinoma (NCI-H1915) Positive Control

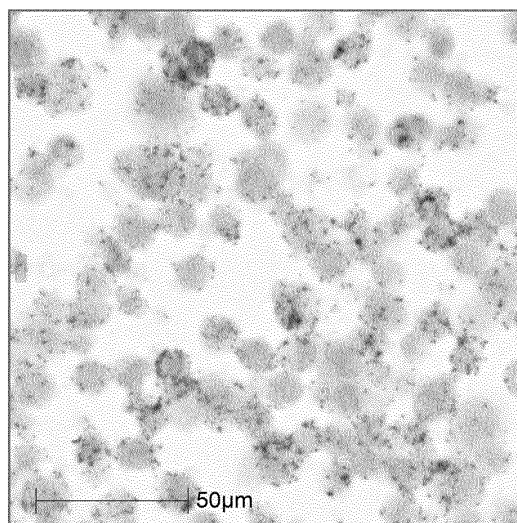


Figure 20

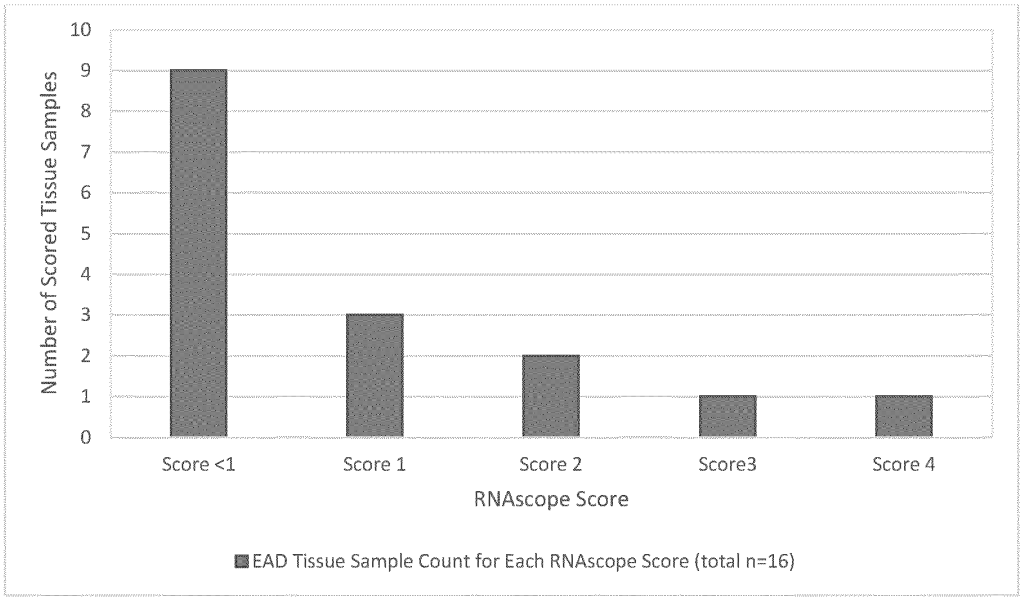


Figure 21

Tissue Type	RNA Scope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	4				
Lung	4				
Esophagus	4				
Adrenal Gland	3				
Bladder	1				
Bronchus	1				
Cervix	2				
Colon	3				
Eye	3				
Fallopian tube	1				
Gallbladder	1				
Ileum	1				
Lymph node	2				
Ovary	3				
Pancreas	3				
Peripheral Nerve	3				
Prostate	3				
Seminal vesicle	3				
Skin	2				
Spleen	3				
Stomach	2				
Testis		2	1		
Thymus	3				
Thyroid	3				
Tonsil	3				
Ureter	3				
Uterus	2				

Figure 22

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Tumour Tissue	RNAScope Score vs Tissue Count				
	<1	1	2	3	4
Bladder Urothelial Carcinoma	7	1	1		
Breast Ductile Carcinoma	9				
Colo Rectal Adenocarcinoma	8	1			
Head & Neck Squamous Cell Carcinoma	5	2	2		
Melanoma	9	1	2		1
Non Small Cell Lung Cancer	7	2			
Osteosarcoma		1			
Ovarian Adenocarcinoma	9		1		
Pancreatic Adenocarcinoma	7				
Prostate Adenocarcinoma	6				
Renal Clear Cell Carcinoma	11				

Figure 23

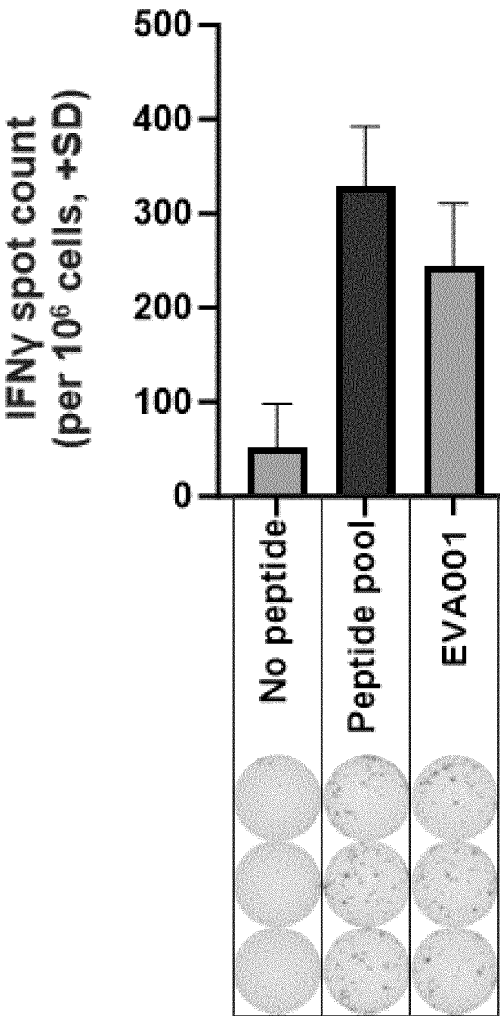


Figure 24

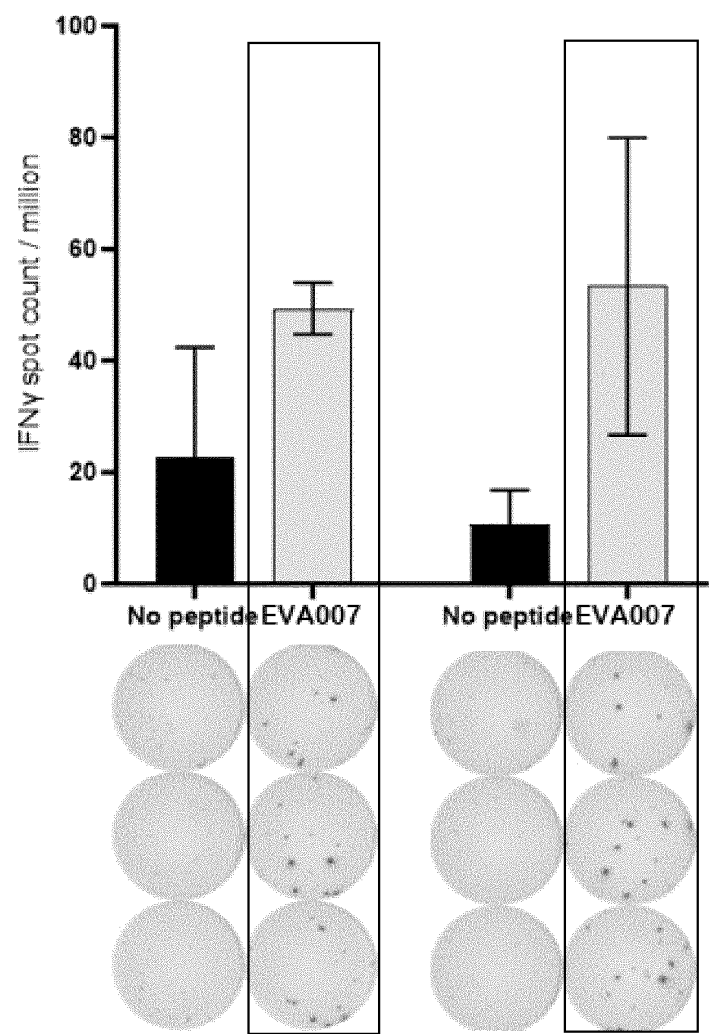


Figure 25

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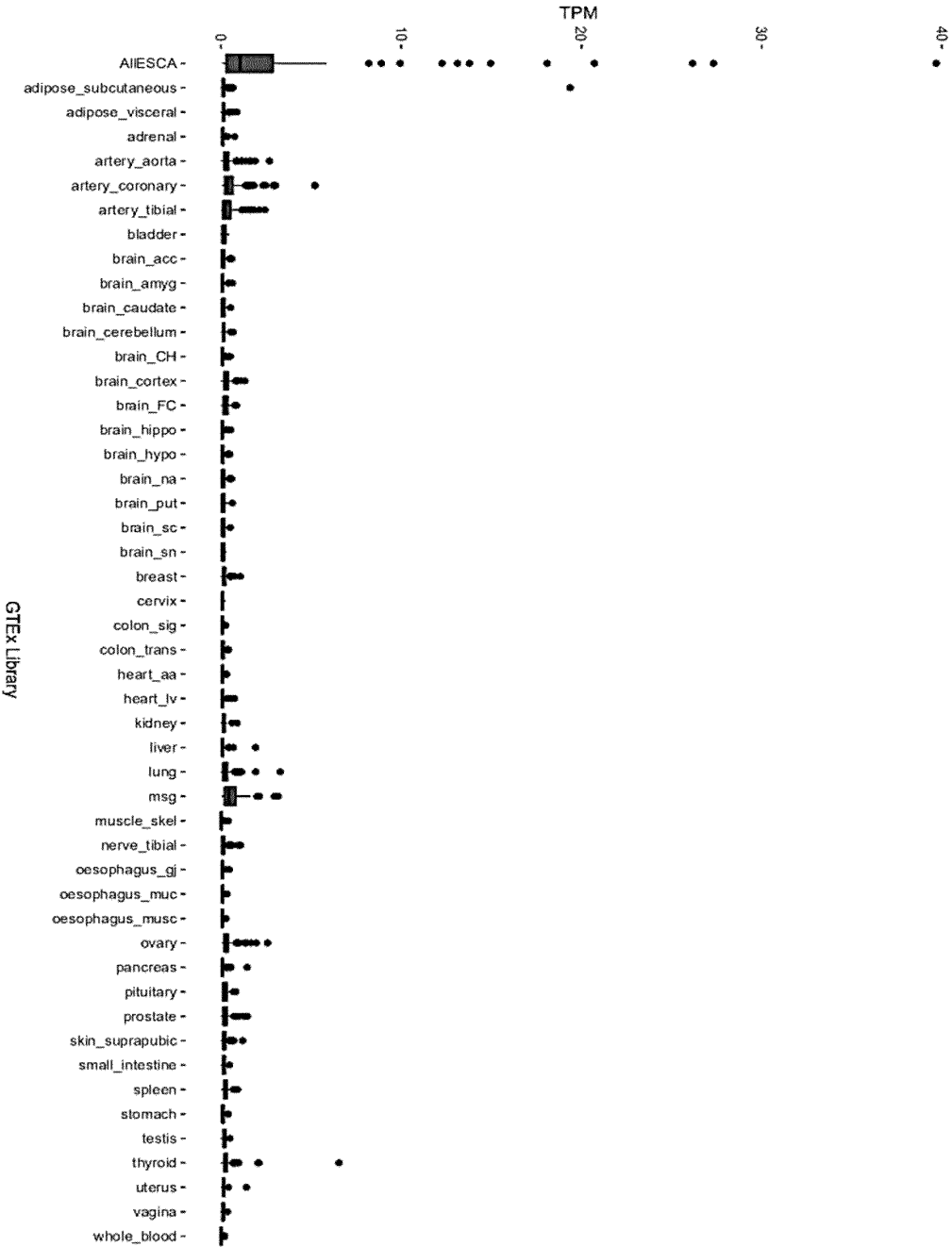


Figure 26A (EVA018, SEQ ID NO.57)

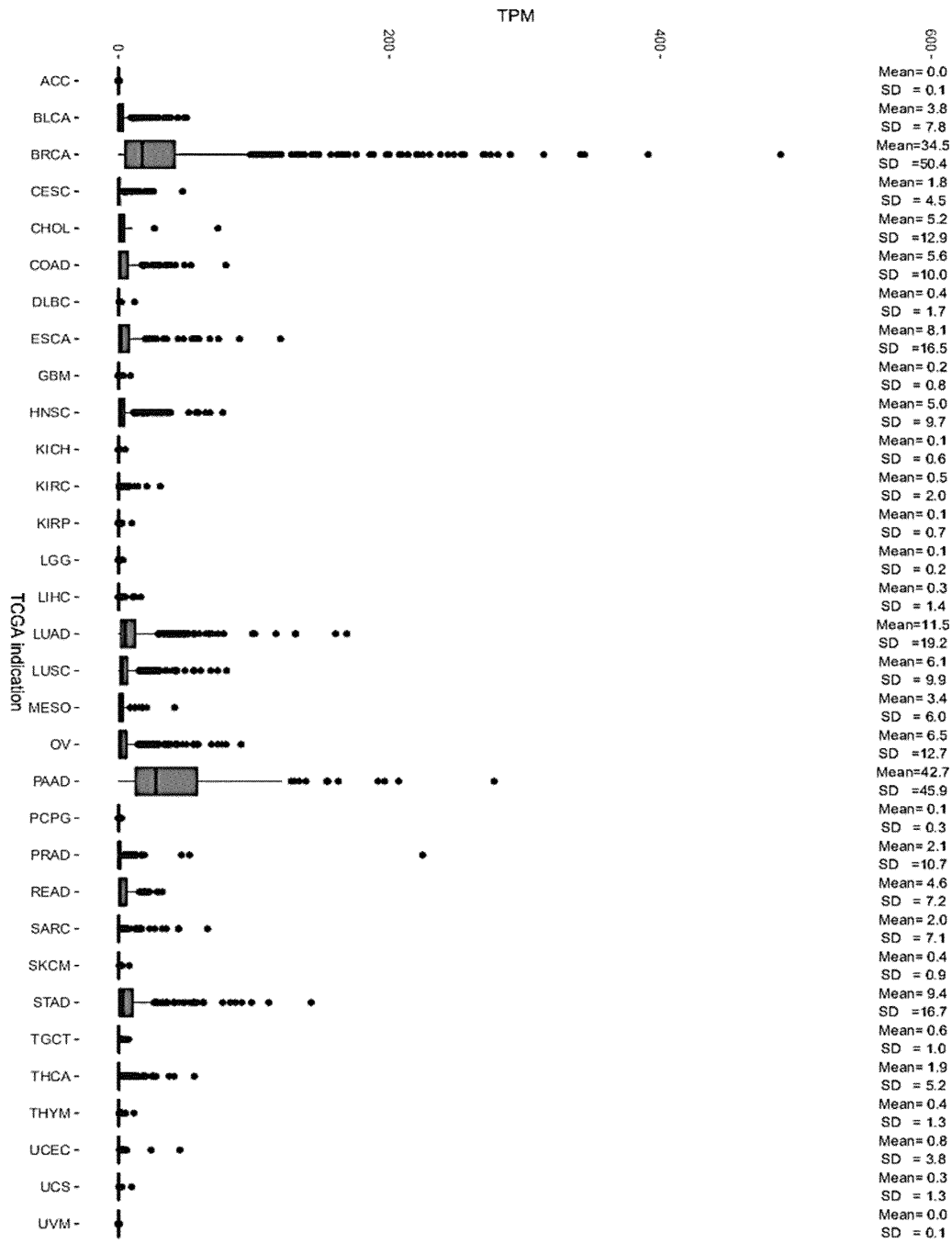


Figure 26B (EVA018, SEQ ID NO.57)

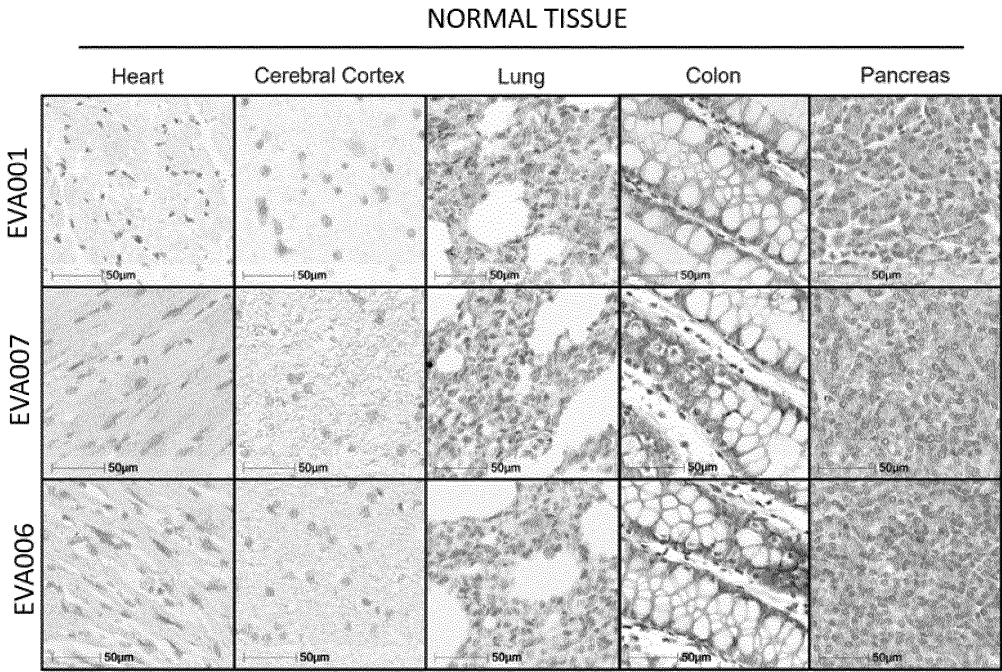


Figure 27

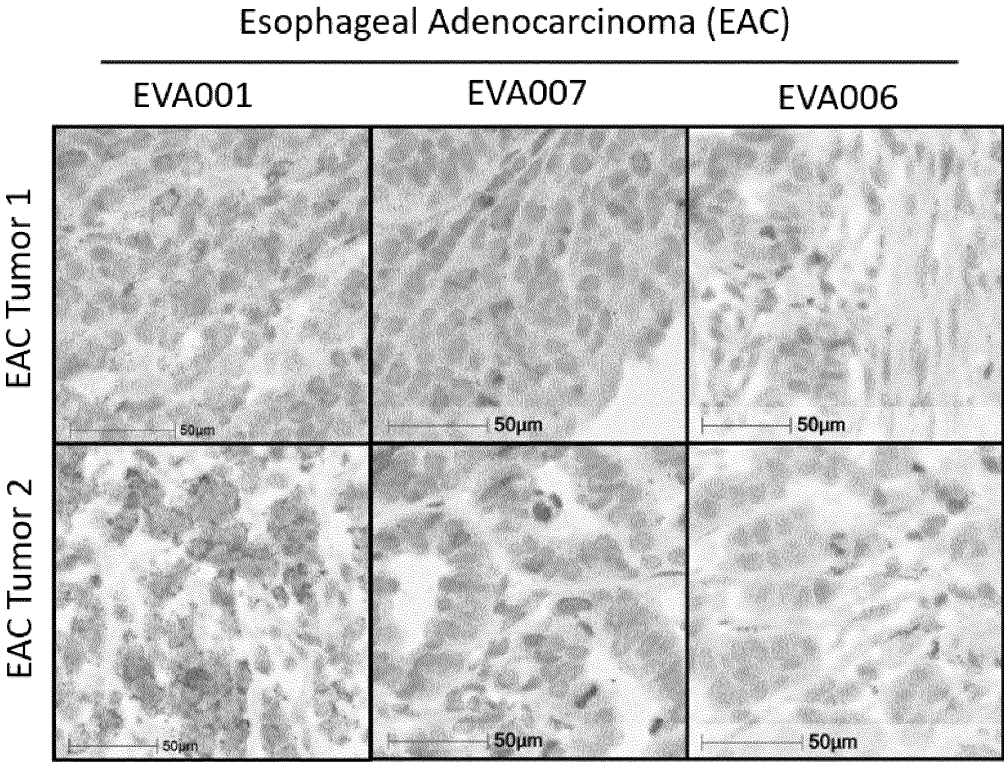


Figure 28

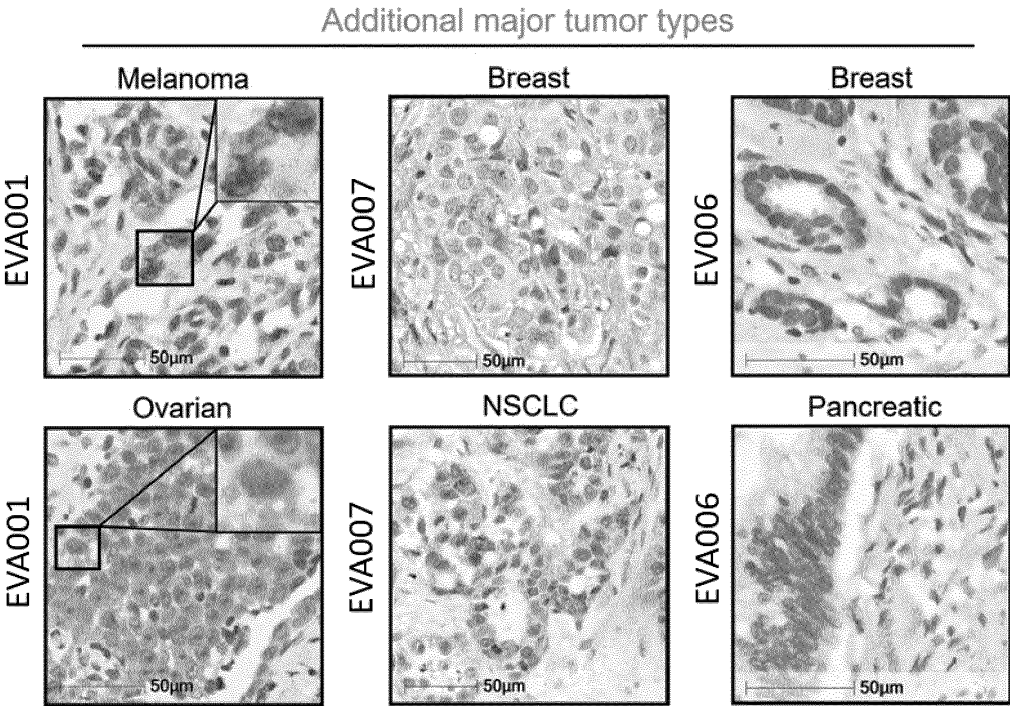


Figure 29

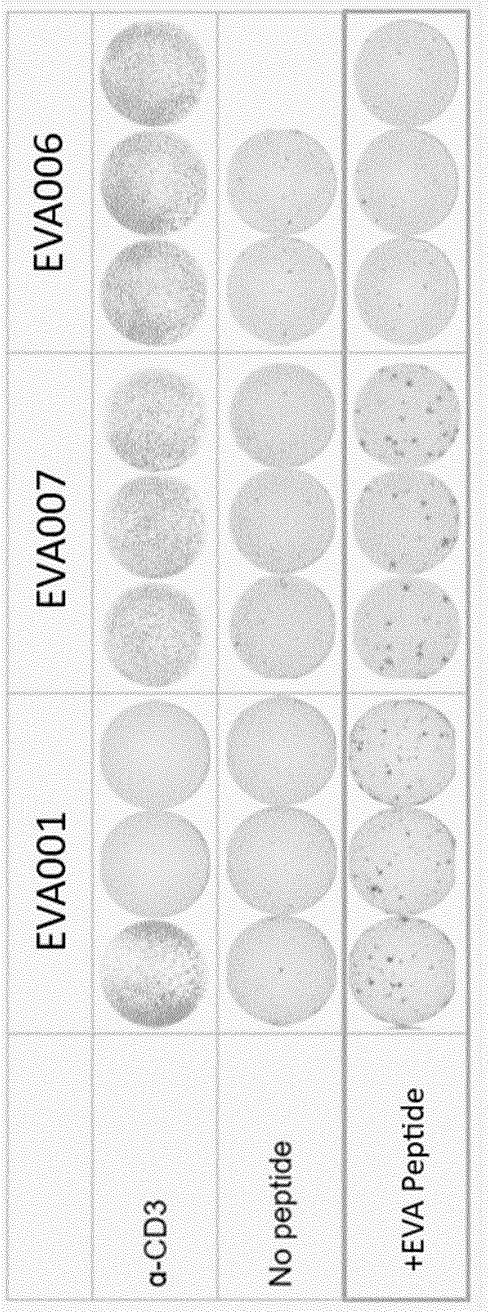


Figure 30

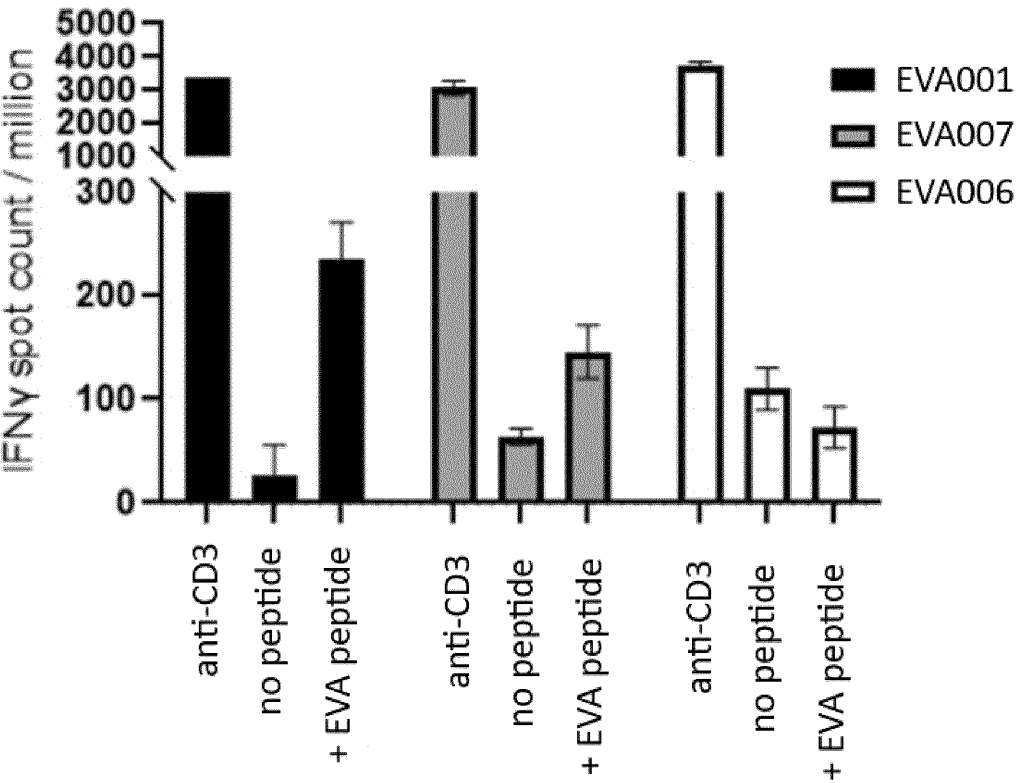


Figure 31

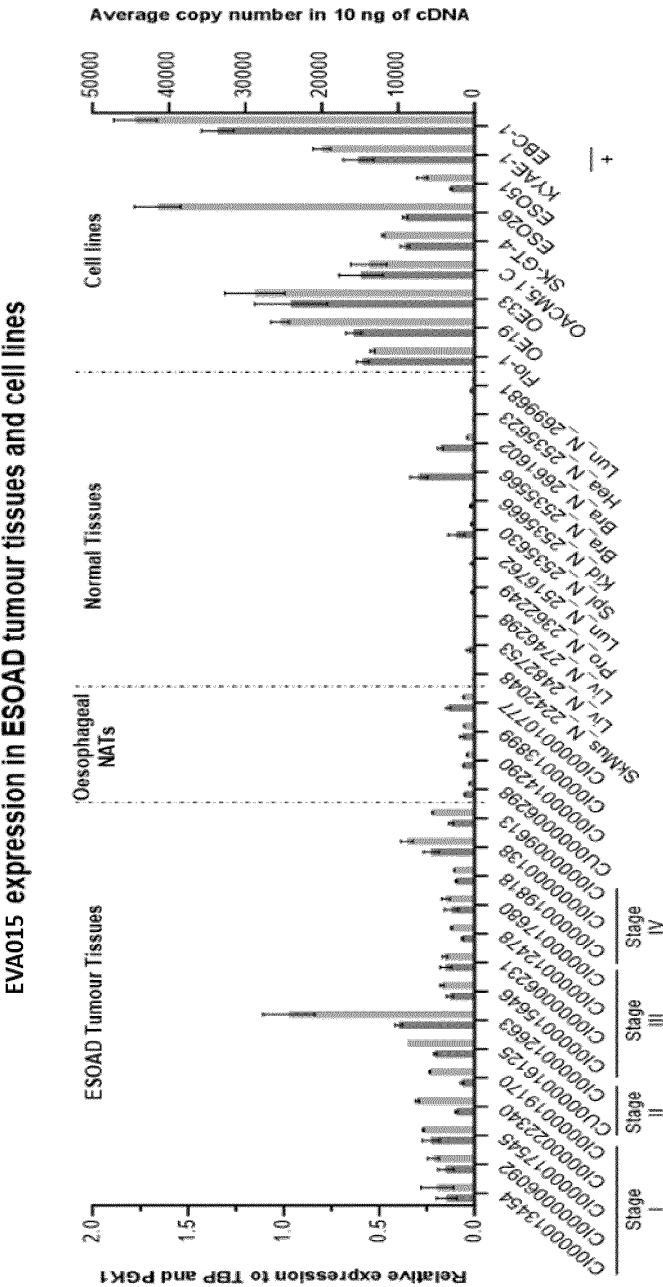


Figure 32

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	3				
Lung	4				
Esophagus	1	3	1		
Adrenal Gland	3				
Bladder	2	1			
Bronchus	1				
Cervix	1				
Colon	2	1			
Eye	3				
Fallopian tube	2				
Gallbladder	2				
Ileum	0	3			
Larynx	0	1	1		
Lymph node					
Ovary	3				
Pancreas	3				
Peripheral Nerve	3				
Prostate	3				
Seminal vesicle	3				
Skin	3				
Spleen	2				
Stomach	2	1			
Testis	0	2	1		
Thymus	0	3			
Thyroid	3				
Tonsil	3				
Ureter	2				
Uterus	2	1			

Figure 33

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma			3	9	4
Bladder Ductal Carcinoma	2	1	2		
Breast Ductal Carcinoma	4	0	3	1	
Colorectal Adenocarcinoma		5	4	3	
Head and Neck Squamous Cell Carcinoma	1	3	3	3	1
Melanoma	1	3	2	3	2
Non Small Cell Lung Cancer	2	1	1	3	1
Ovarian Adenocarcinoma	2	1	1	3	1
Pancreatic Adenocarcinoma	1	5	2		
Prostate Adenocarcinoma	5				
Renal Clear Cell Carcinoma	8	1			

Figure 34

EVA004 expression in ESOAD tumour and NAT tissues, Normal tissues and cell lines

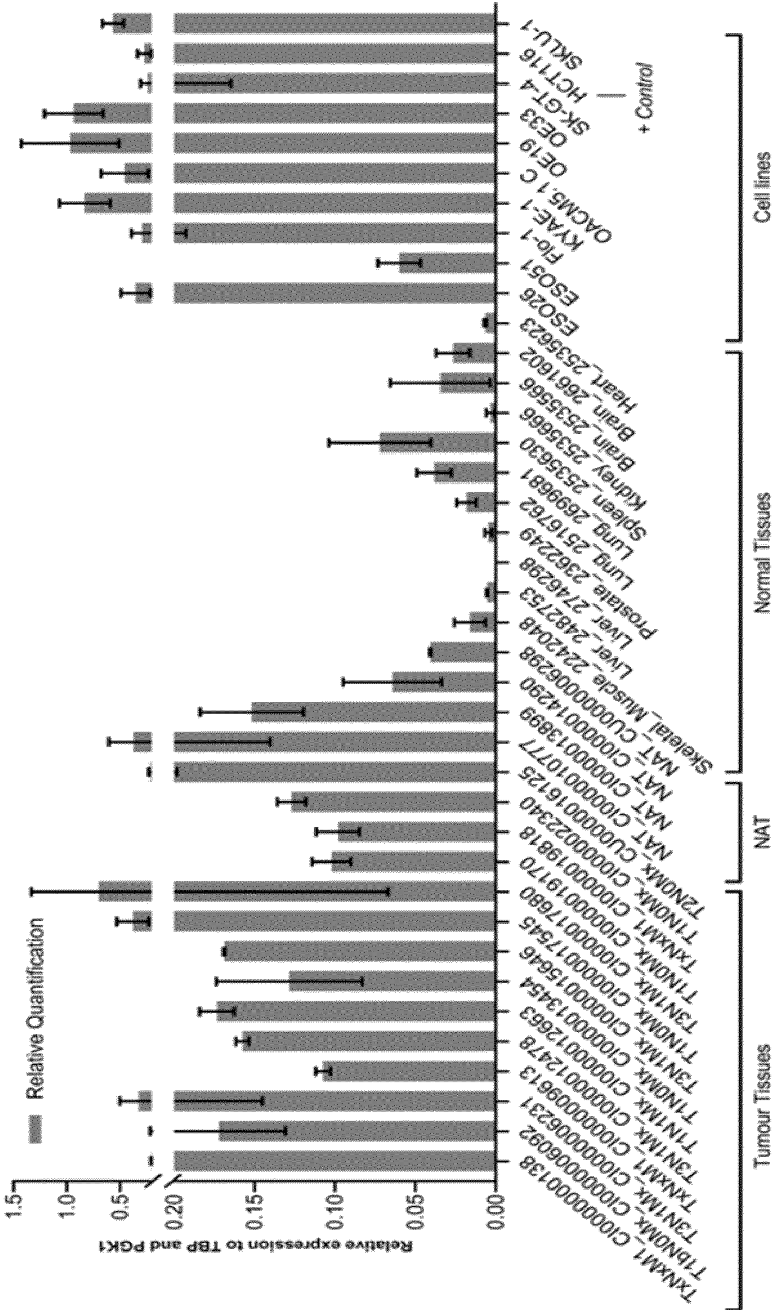


Figure 35

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	3				
Lung	4				
Esophagus	4				
Adrenal Gland	3				
Bladder	2				
Bronchus	2				
Cervix	1				
Colon	3				
Eye	3				
Fallopian tube	3				
Gallbladder	2				
Ileum	4				
Larynx	2				
Lymph node	2				
Ovary	3				
Pancreas	3				
Peripheral Nerve	3				
Prostate	3				
Seminal vesicle	3				
Skin	3				
Spleen	2				
Stomach	3				
Testis	1	2			
Thymus	3				
Thyroid	3				
Tonsil	3				
Ureter	3				
Uterus	2	1			

Figure 36

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma	11	5			
Bladder Ductal Carcinoma	9				
Breast Ductal Carcinoma	10				
Colorectal Adenocarcinoma	8	1	1		
Head and Neck Squamous Cell Carcinoma	8	1			
Melanoma	8	4			
Non Small Cell Lung Cancer	10	1			
Ovarian Adenocarcinoma	10				
Pancreatic Adenocarcinoma	10	1			
Prostate Adenocarcinoma	7				
Renal Clear Cell Carcinoma	11				

Figure 37

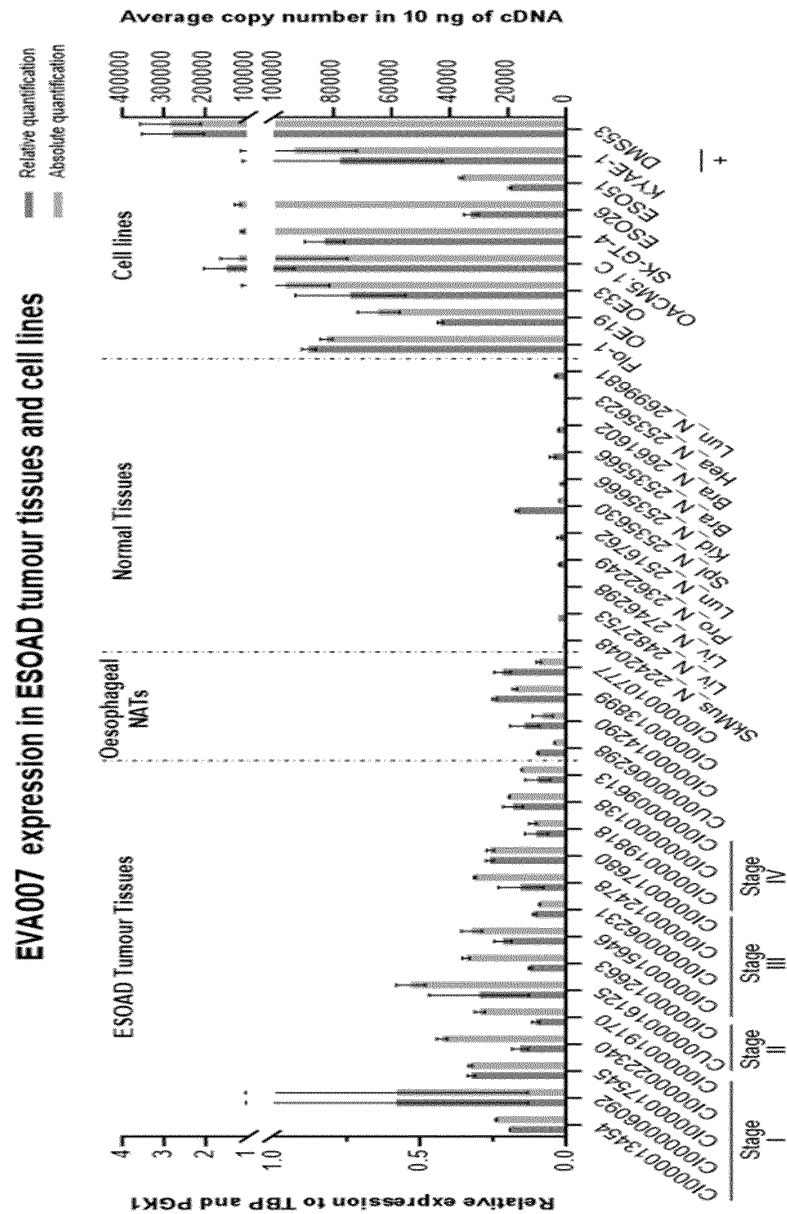


Figure 38

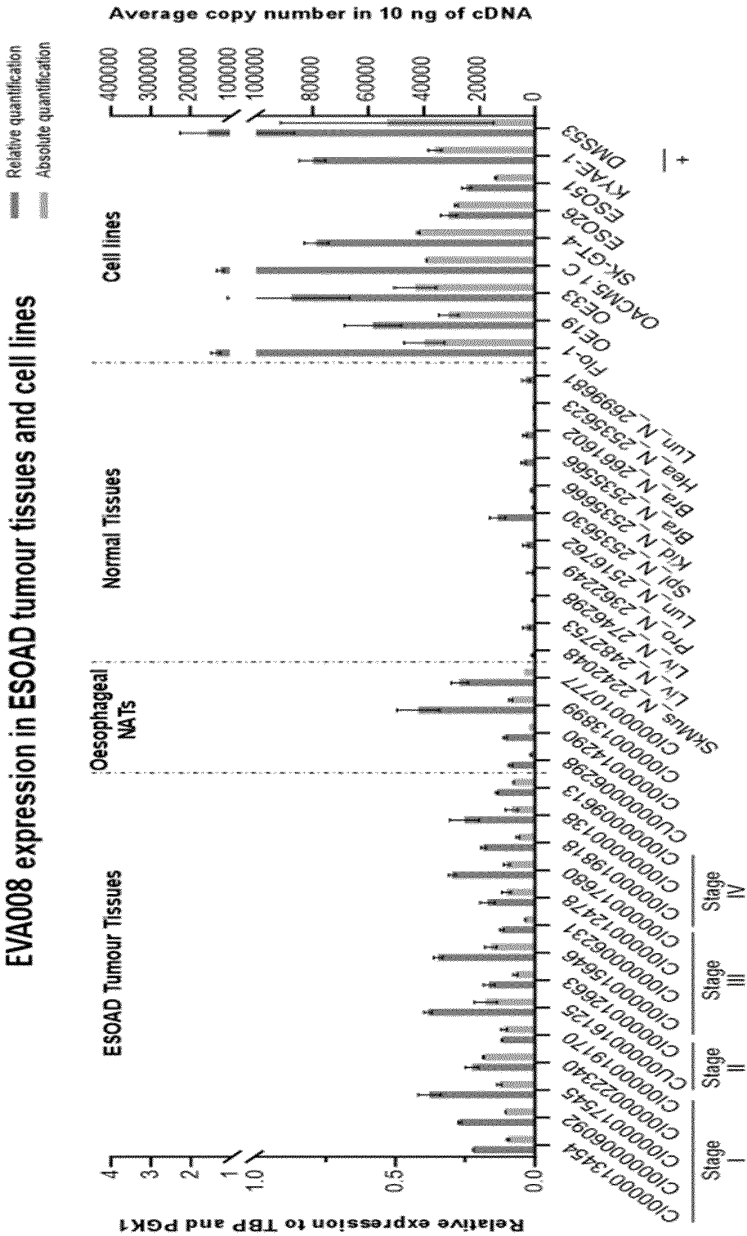


Figure 39

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	4				
Kidney	5				
Liver	3				
Lung	4				
Esophagus	1	2	2		
Adrenal Gland	3				
Bladder	2				
Breast	1				
Bronchus	2				
Cervix	0	1			
Colon	3				
Eye	3				
Fallopian tube	2	1			
Gallbladder	2				
Larynx		1	1		
Lymph node	0	2			
Ovary	1	2			
Pancreas	3				
Peripheral Nerve	3				
Prostate	3				
Seminal vesicle	3				
Skin	3				
Small intestine	0	3			
Spleen	2				
Stomach	3				
Testis	0	2	1		
Thymus	0	2	1		
Thyroid	3				
Tonsil	2	1			
Ureter	3				
Uterus	2				1

Figure 40

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma	0	5	9	3	1
Bladder Ductal Carcinoma	2	1	2		
Breast Ductal Carcinoma	3	1	1	1	1
Colorectal Adenocarcinoma	0	7	2	3	
Head and Neck Squamous Cell Carcinoma	2	1	4	5	
Melanoma	0	3	3	2	3
Non Small Cell Lung Cancer	2	3	4	1	
Ovarian Adenocarcinoma	1	2	2	3	
Pancreatic Adenocarcinoma	3	2	1	1	1
Prostate Adenocarcinoma	5				
Renal Clear Cell Carcinoma	8	1			

Figure 41

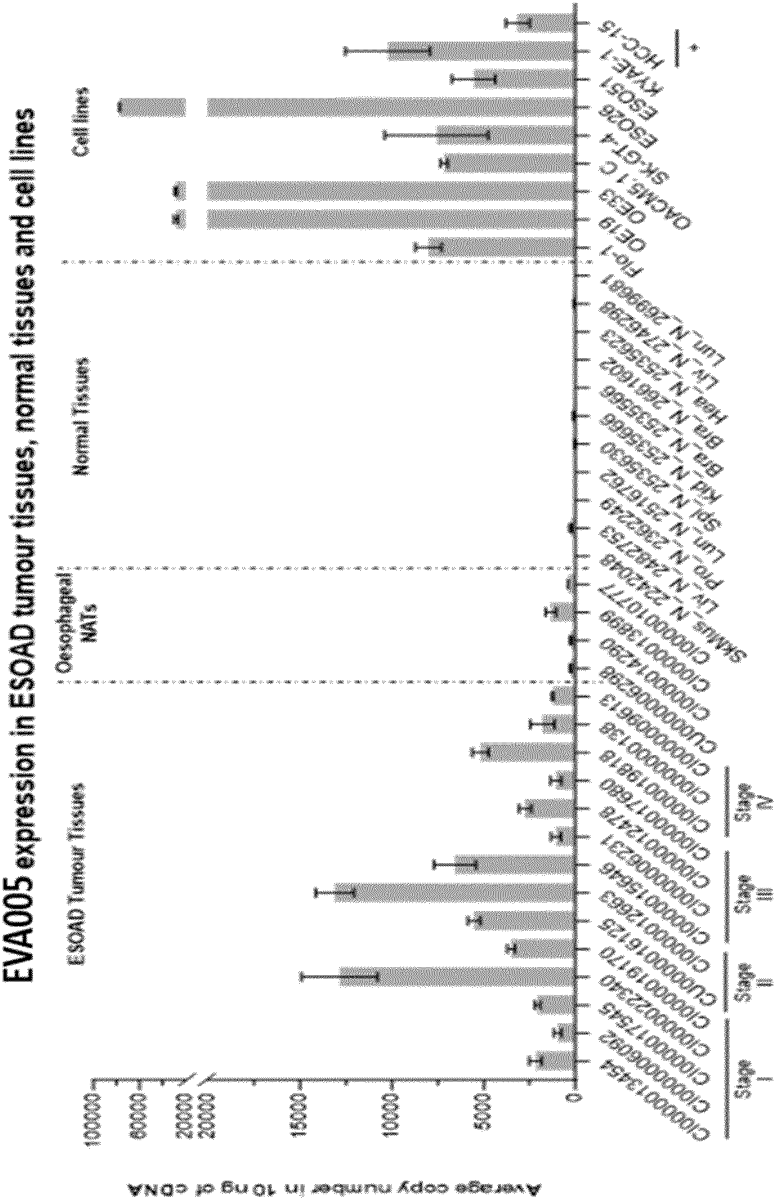


Figure 42

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	3				
Lung	4				
Esophagus	3	2			
Adrenal Gland	3				
Bladder	1				
Breast	2				
Bronchus	1				
Cervix	2				
Colon	3	2			
Eye	3				
Fallopian tube	1				
Gallbladder	1				
Larynx	1	1			
Lymph node	1	1			
Ovary	4				
Pancreas	3				
Peripheral Nerve	3				
Prostate	2				
Seminal vesicle	3				
Skin	3				
Small intestine	3				
Spleen	2				
Stomach	3				
Testis	0	0	0	5	
Thymus	1	2			
Thyroid	3				
Tonsil	3				
Ureter	3				
Uterus	2	1			

Figure 43

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma	8	6	2		
Bladder Ductal Carcinoma	8	1			
Breast Ductal Carcinoma	8	1			
Colorectal Adenocarcinoma	7	3			
Head and Neck Squamous Cell Carcinoma	6	4	1		
Melanoma	9	2	1		
Non Small Cell Lung Cancer	7	3	1		
Ovarian Adenocarcinoma	8	1			
Pancreatic Adenocarcinoma	6	2			
Prostate Adenocarcinoma	6				
Renal Clear Cell Carcinoma	10	1			

Figure 44

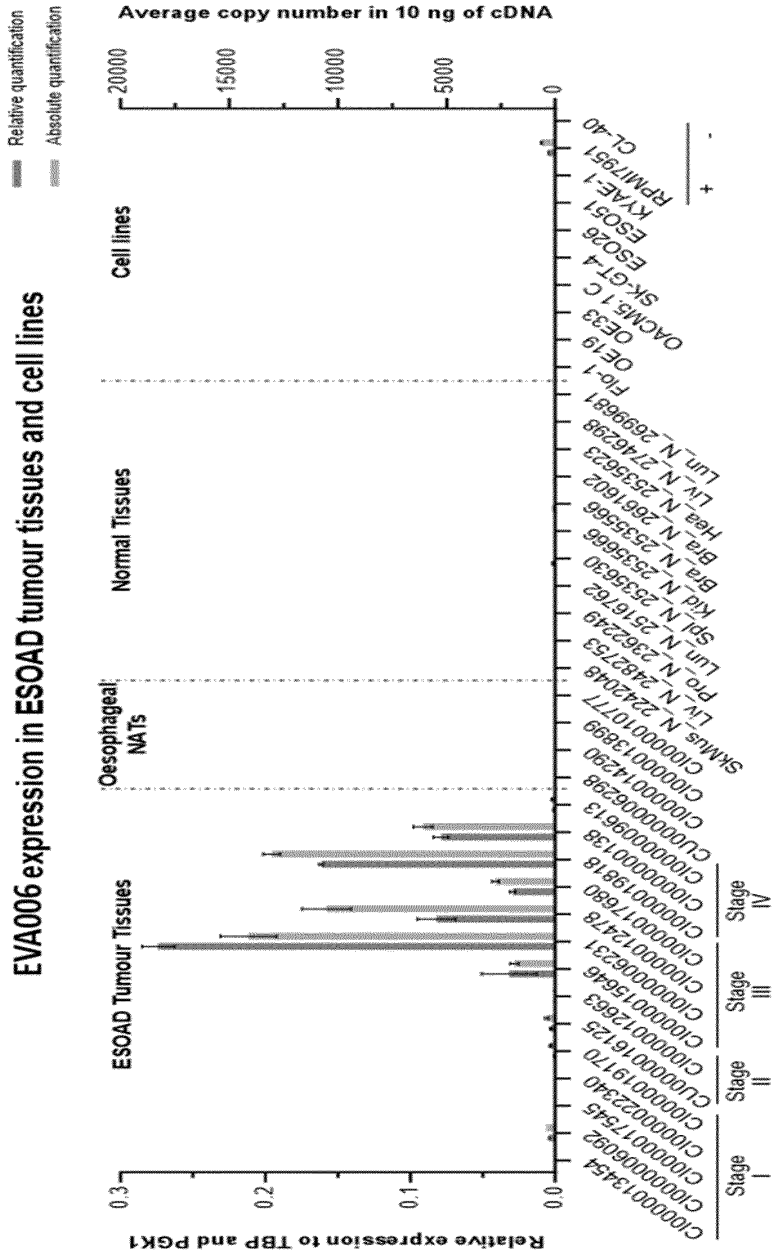


Figure 45

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	3				
Lung	3				
Esophagus	4				
Adrenal Gland	3				
Bladder	3				
Breast	4				
Bronchus	2				
Cervix	2				
Colon	5				
Eye	3				
Fallopian tube	1				
Gallbladder	1				
Larynx	2				
Lymph node	2				
Ovary	5				
Pancreas	5				
Peripheral Nerve	2				
Prostate	3				
Seminal vesicle	3				
Skin	3				
Small intestine	3				
Spleen	2				
Stomach	4				
Testis	5				
Thymus	3				
Thyroid	5				
Tonsil	3				
Ureter	2				
Uterus	4				

Figure 46

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma	4	3	6	2	1
Bladder Ductal Carcinoma	4			1	
Breast Ductal Carcinoma	0	2	3	4	
Colorectal Adenocarcinoma	2	1	3	3	1
Head and Neck Squamous Cell Carcinoma	5	1	5		
Melanoma	9	2			
Non Small Cell Lung Cancer	5	1	2	2	
Ovarian Adenocarcinoma	6	1	2		
Pancreatic Adenocarcinoma	0	2	2	4	2
Prostate Adenocarcinoma	4				
Renal Clear Cell Carcinoma	8	1			

Figure 47

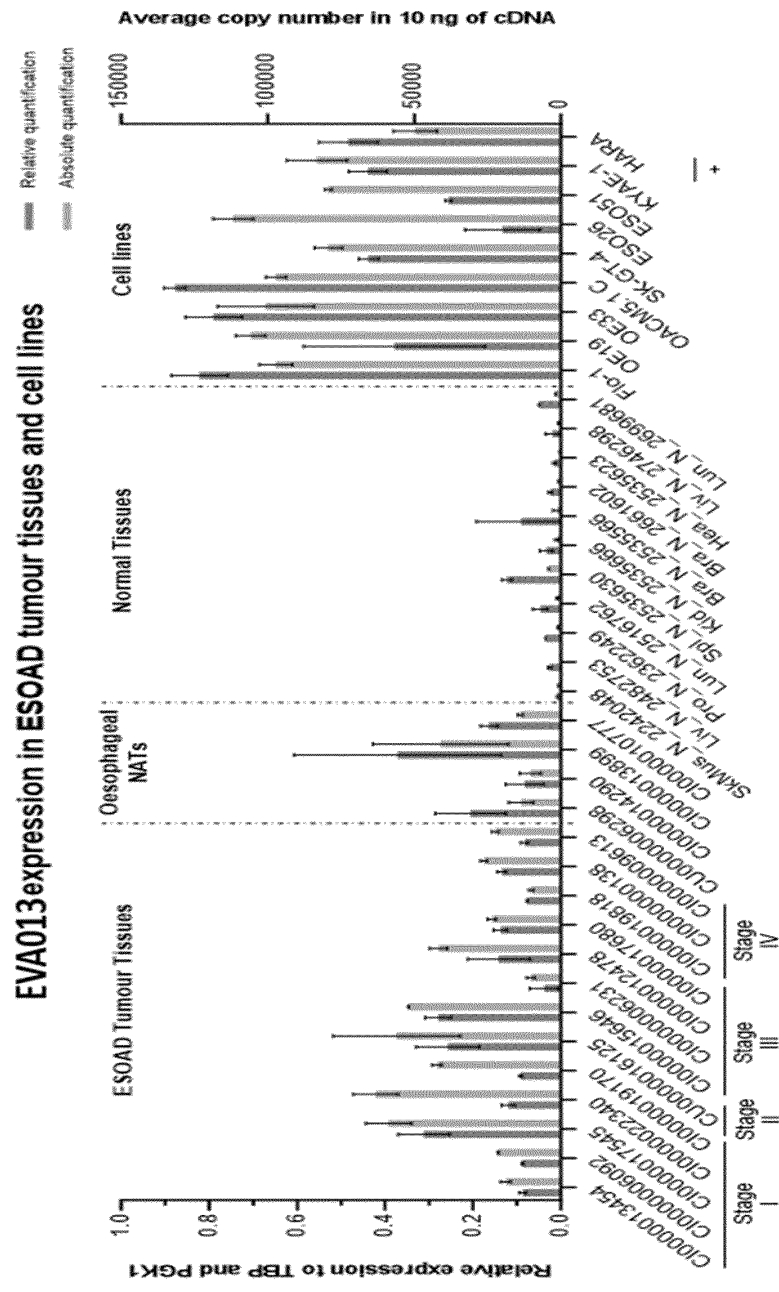


Figure 48

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	4				
Lung	4				
Esophagus	4	1			
Adrenal Gland	3				
Breast	3				
Cervix	3				
Colon	2	1			
Eye	3				
Ovary	4				
Pancreas	4				
Prostate	3				
Seminal vesicle	3				
Skin	3				
Small intestine	3				
Stomach	4				
Testis	0	2	1	2	
Thymus	2	1			
Thyroid	4				
Tonsil	3				
Uterus	3	0	1		
Bladder	2				
Lymph node	1	1			
Peripheral Nerve	2				
Spleen	2				
Bronchus	1				
Fallopian tube	1				
Larynx	0	1			
Ureter	1				

Figure 49

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma	11	8	1		
Bladder Ductal Carcinoma	4	1			
Breast Ductal Carcinoma	7	1			
Colorectal Adenocarcinoma	9				
Head and Neck Squamous Cell Carcinoma	8	1	1		
Melanoma	7	1	3		
Non Small Cell Lung Cancer	7	2	1		
Ovarian Adenocarcinoma	8				
Pancreatic Adenocarcinoma	5				
Prostate Adenocarcinoma	5				
Renal Clear Cell Carcinoma	9				

Figure 50

EVA011 expression in ESOAD tumour tissues and cell lines

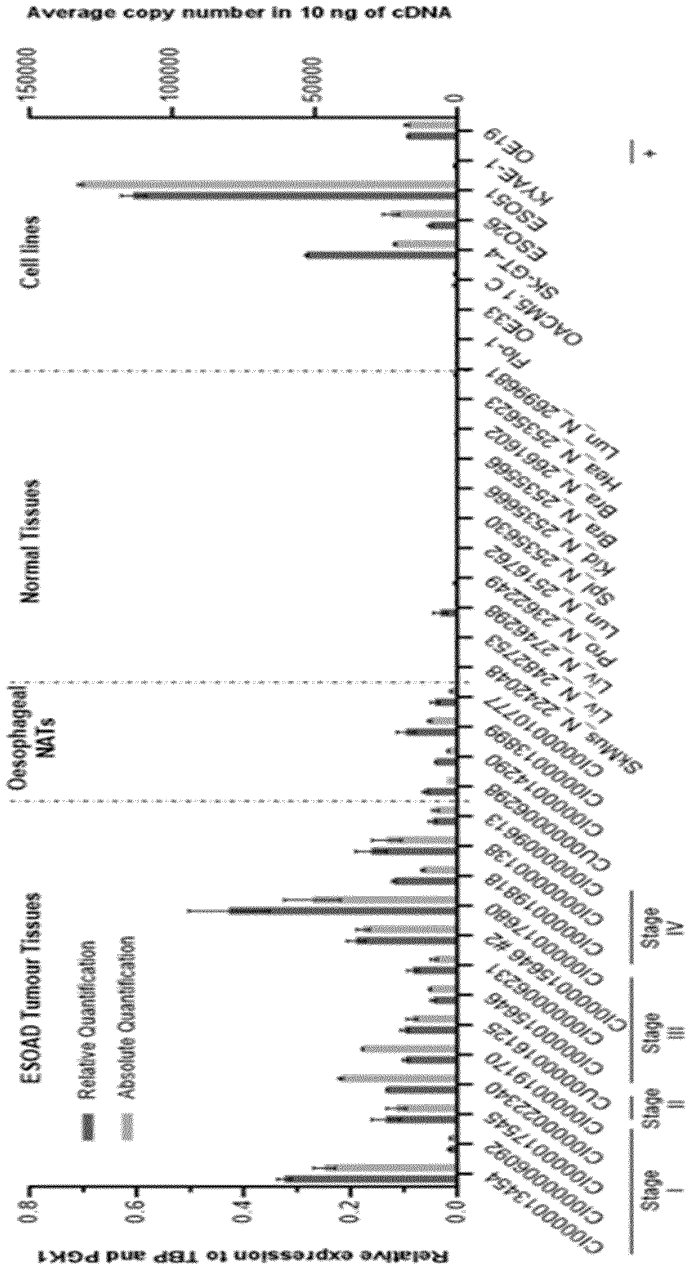


Figure 51

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Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Brain	5				
Heart	5				
Kidney	5				
Liver	3				
Lung	4				
Esophagus	0	4	1		
Adrenal Gland	3				
Breast	3				
Bronchus	3				
Cervix	2	1			
Colon	2	1			
Eye	3				
Fallopian tube	2	1			
Gallbladder	2				
Larynx	1	1			
Lymph node	2				
Ovary	3				
Pancreas	3				
Peripheral Nerve	3				
Prostate	3				
Seminal vesicle	3				
Skin	2	1			
Small intestine	1	2			
Spleen	1				
Stomach	2	1			
Testis	3				
Thymus	3				
Thyroid	3				
Tonsil	2				
Ureter	3				
Uterus	3				

Figure 52

Tissue Type	RNAScope Scores vs Tissue Count				
	<1	1	2	3	4
Oesophageal Adenocarcinoma	9	4	4	1	
Bladder Ductal Carcinoma	4	1			
Breast Ductal Carcinoma	9				
Colorectal Adenocarcinoma	7	3			
Head and Neck Squamous Cell Carcinoma	6	3	2		
Melanoma	9				
Non Small Cell Lung Cancer	7	2	1		
Ovarian Adenocarcinoma	8				
Pancreatic Adenocarcinoma	1	2	2	1	
Prostate Adenocarcinoma	5				
Renal Clear Cell Carcinoma	9				

Figure 53

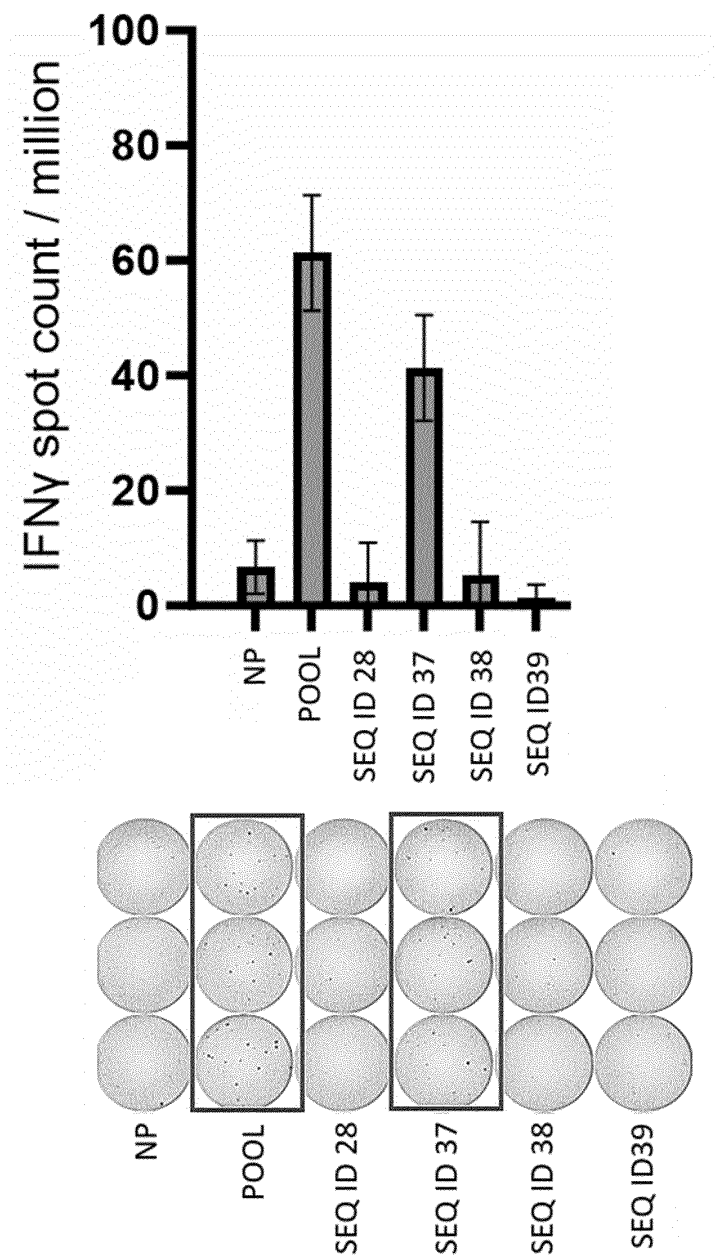


Figure 54

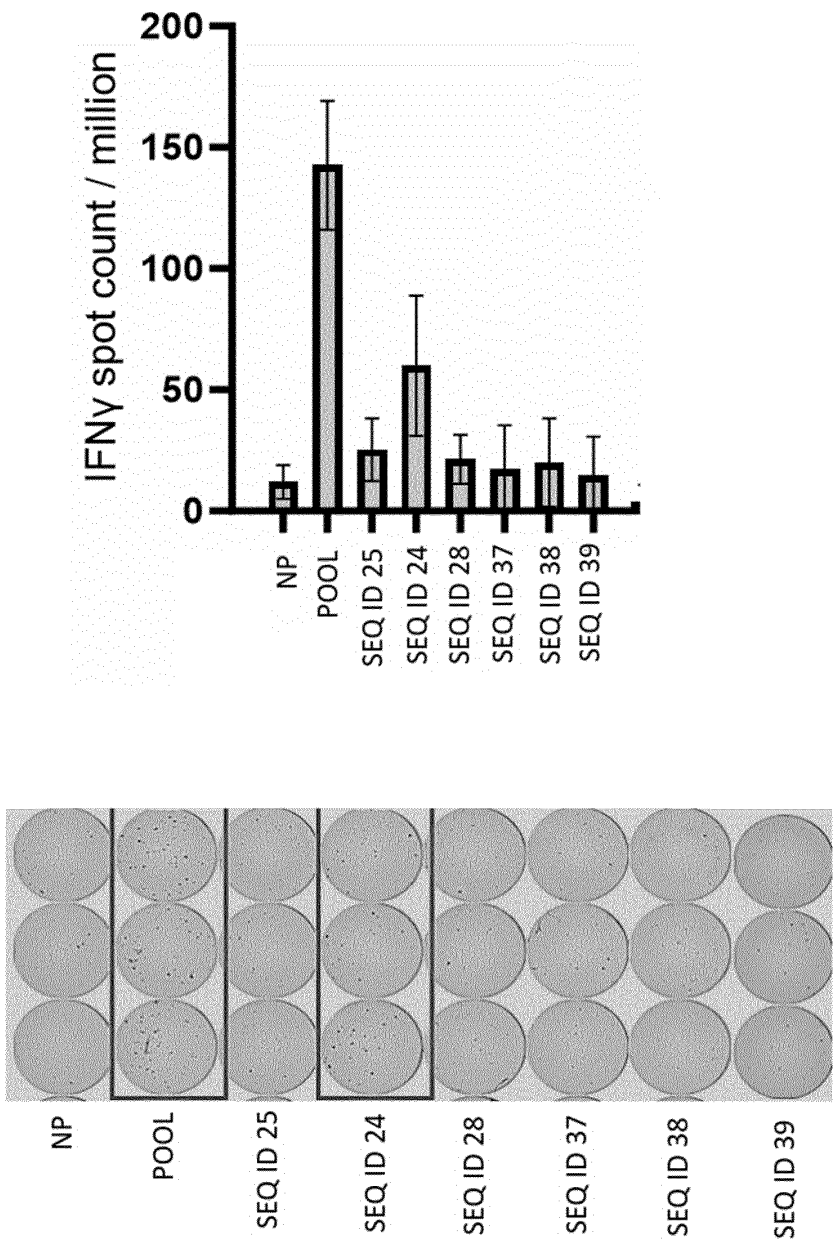


Figure 55

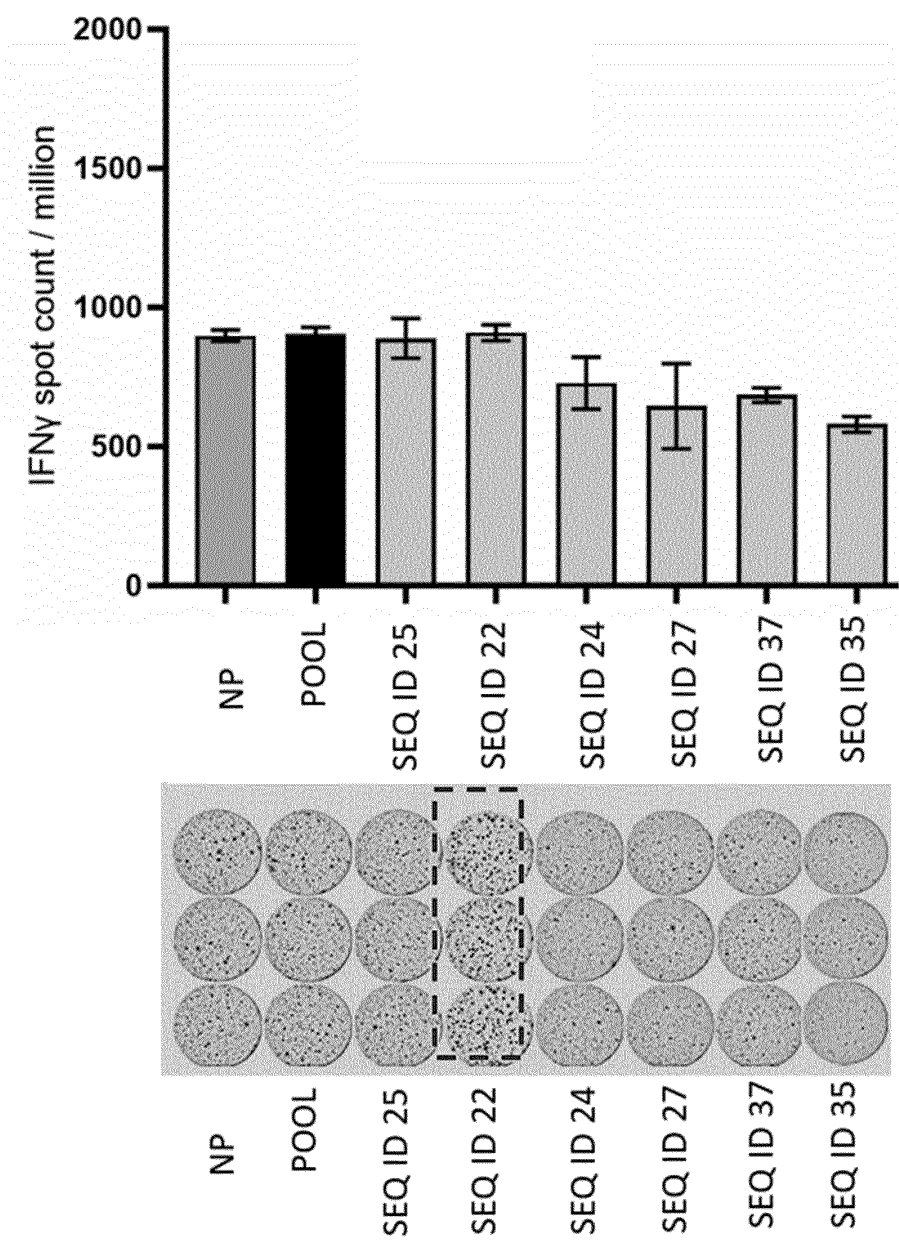


Figure 56

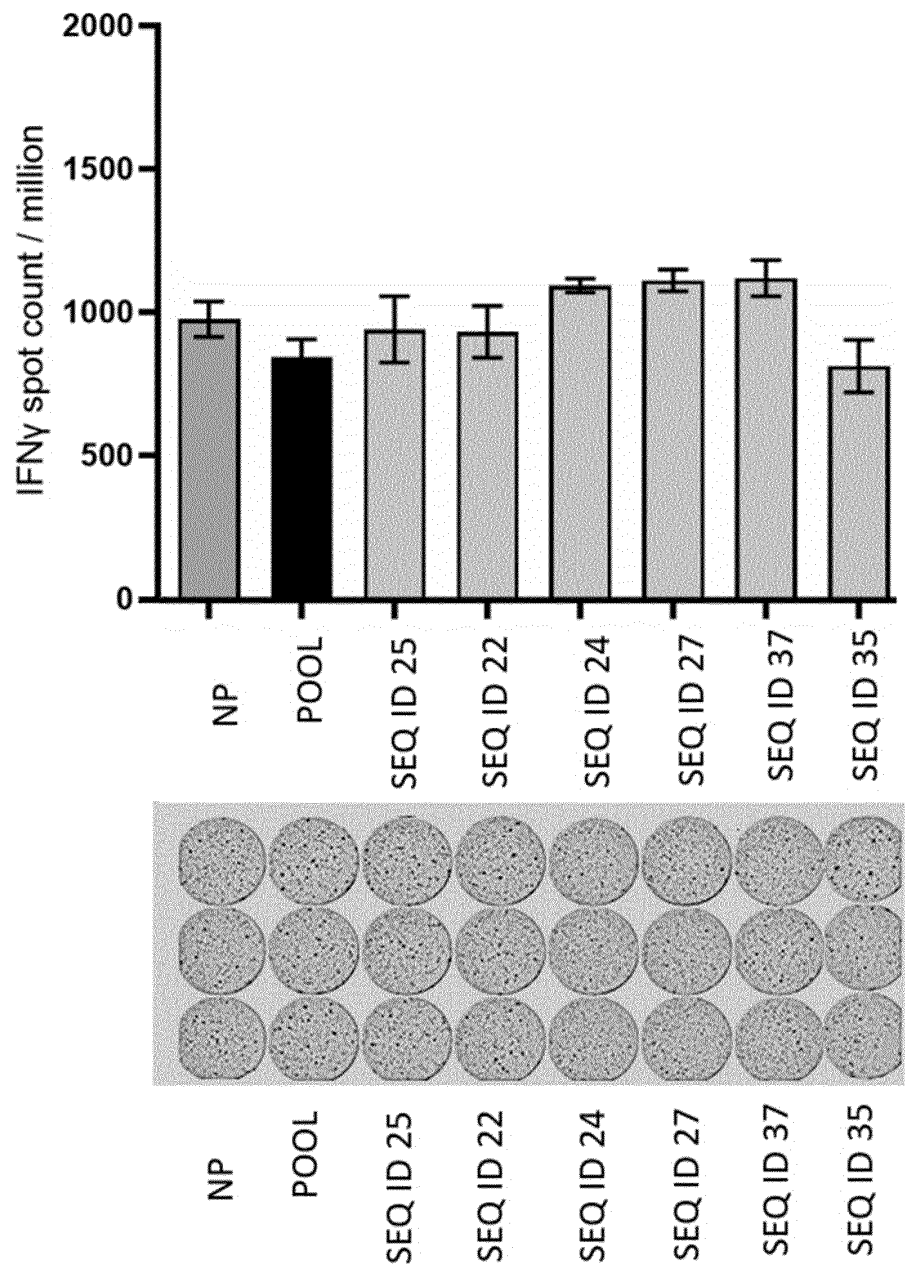


Figure 57

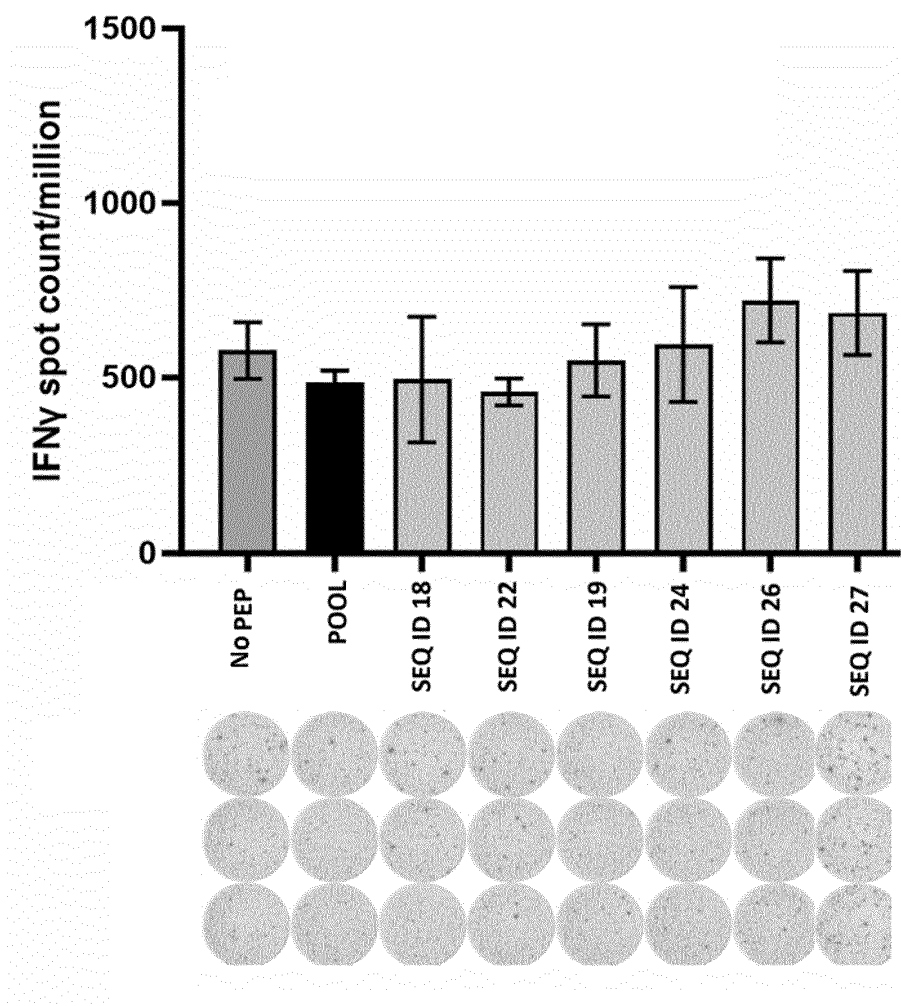


Figure 58