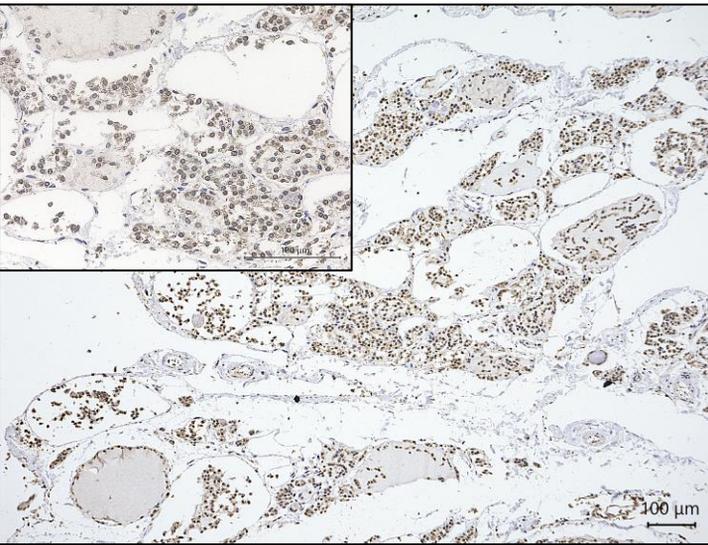
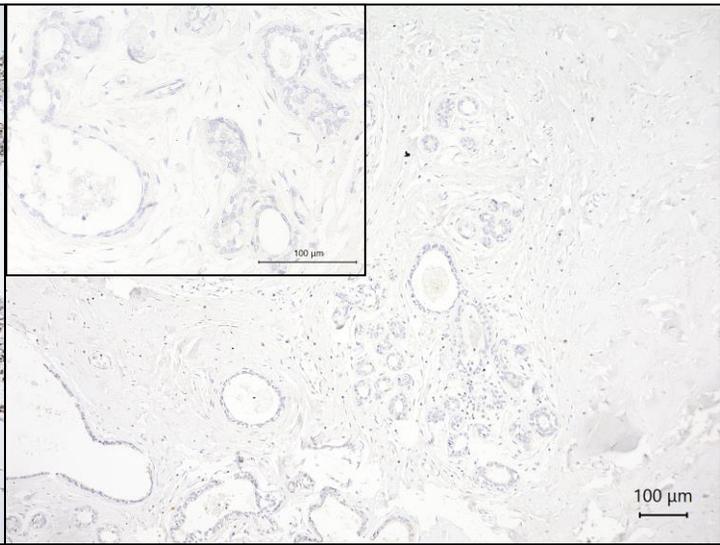


**Suppl. Figure S1: Control stainings for all antibodies used in this study**

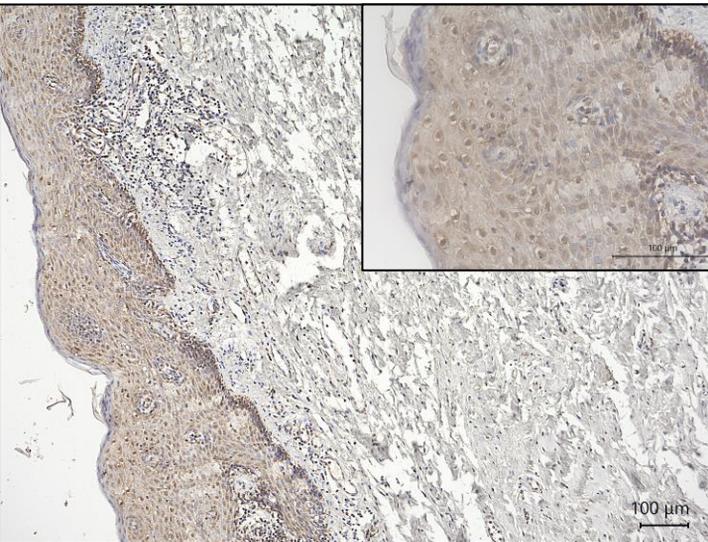
Positive control staining for TR $\alpha$  in thyroid tissue



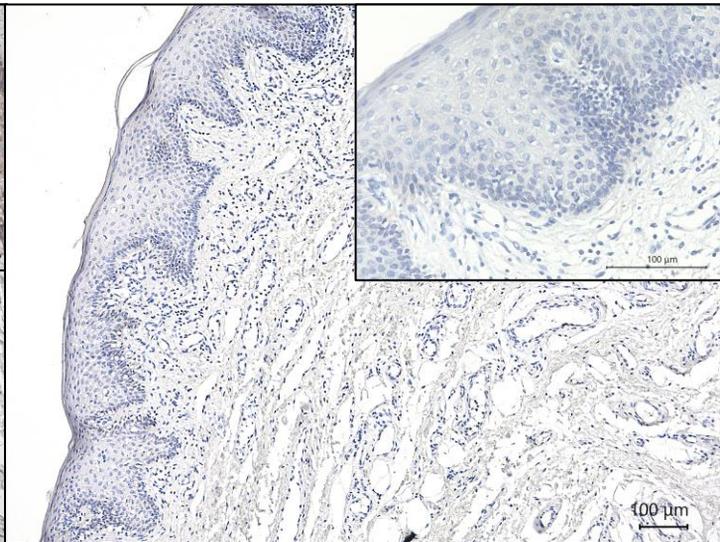
Negative control staining for TR $\alpha$  in thyroid tissue



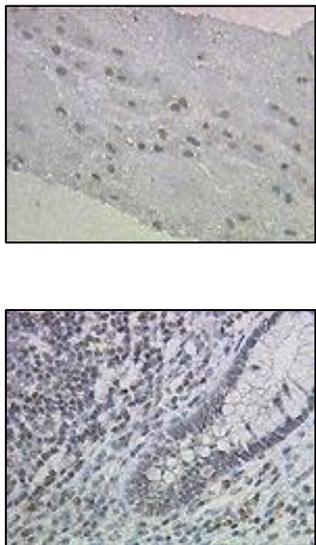
Positive control staining for TR $\alpha$ 2 in human skin



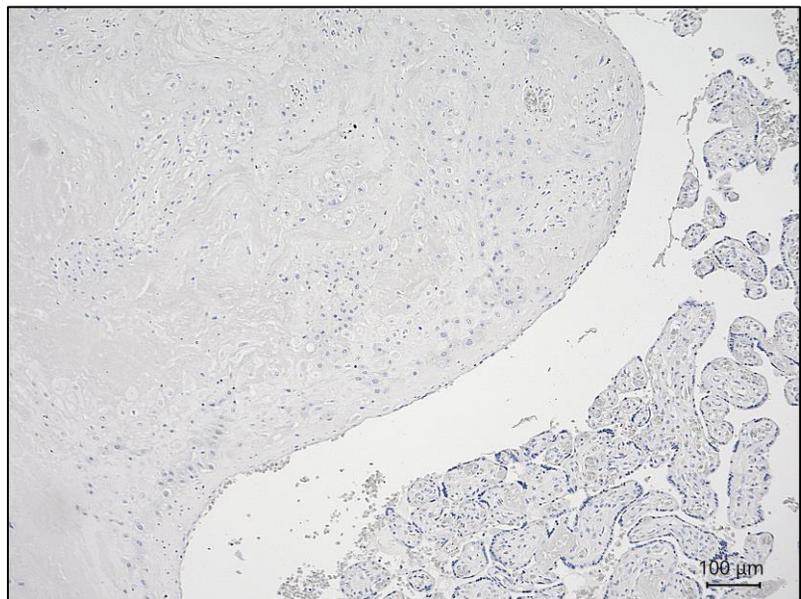
Negative control staining for TR $\alpha$ 2 in human skin



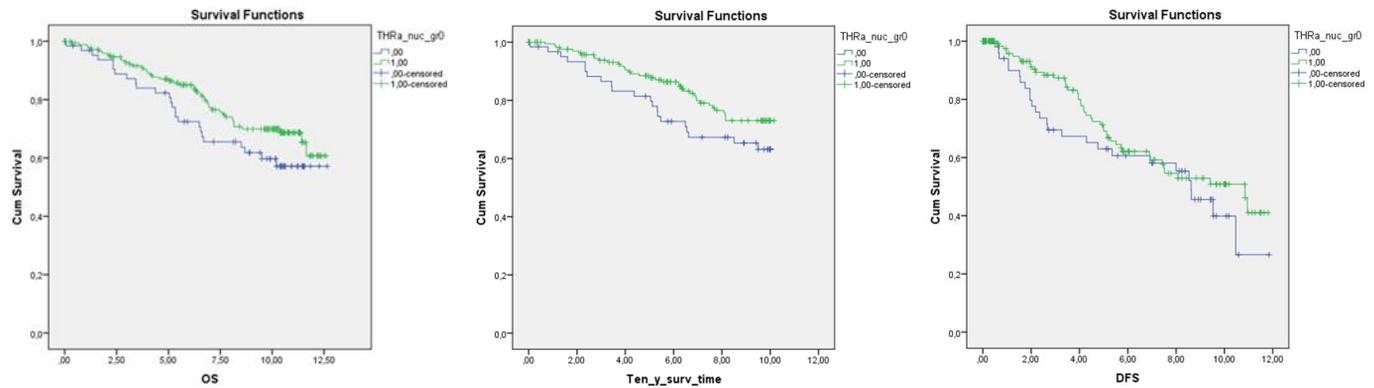
Positive control staining for TR $\alpha$ 1 in human placenta and colon



Negative control staining for TR $\alpha$ 1 in human placenta

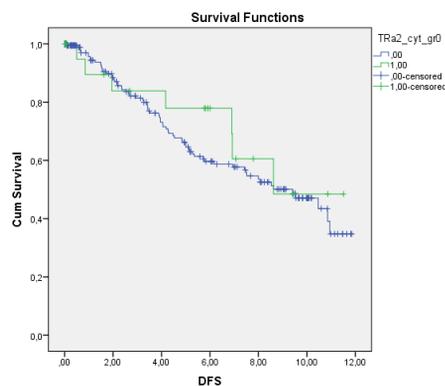
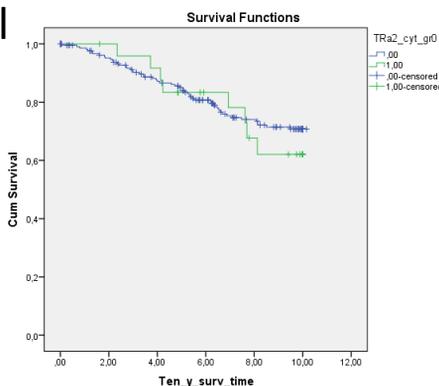
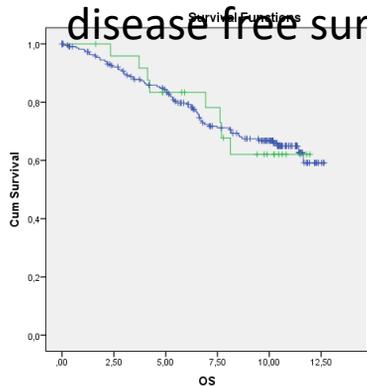


# Suppl. Figure S2: Survival Function of nuclear TR $\alpha$ , TR $\alpha$ is not a significant prognosticator for overall Survival, ten year survival or disease free survival



Means for Survival Time					Means for Survival Time					Means for Survival Time				
THR $\alpha$ _nuc_gr0	Mean		95% Confidence Interval		THR $\alpha$ _nuc_gr0	Mean		95% Confidence Interval		THR $\alpha$ _nuc_gr0	Mean		95% Confidence Interval	
	Estimate	Std. Error	Lower Bound	Upper Bound		Estimate	Std. Error	Lower Bound	Upper Bound		Estimate	Std. Error	Lower Bound	Upper Bound
0	9.39	0.537	8.337	10.442	0	7.93	0.405	7.136	8.725	0	7.213	0.637	5.965	8.462
1	10.246	0.299	9.66	10.833	1	8.82	0.205	8.417	9.222	1	8.129	0.406	7.333	8.926
Overall	10.026	0.265	9.506	10.546	Overall	8.605	0.189	8.236	8.975	Overall	7.872	0.345	7.197	8.548
a. Estimation is limited to the largest survival time if it is censored.					a. Estimation is limited to the largest survival time if it is censored.					a. Estimation is limited to the largest survival time if it is censored.				
Overall Comparisons					Overall Comparisons					Overall Comparisons				
	Chi-Square	df	Sig.			Chi-Square	df	Sig.			Chi-Square	df	Sig.	
Log Rank (Mantel-Cox)	2.34	1	0.126		Log Rank (Mantel-Cox)	2.582	1	0.108		Log Rank (Mantel-Cox)	1.395	1	0.238	
Test of equality of survival distributions for the different levels of THR $\alpha$ _nuc_gr0.					Test of equality of survival distributions for the different levels of THR $\alpha$ _nuc_gr0.					Test of equality of survival distributions for the different levels of THR $\alpha$ _nuc_gr0.				

# Suppl. Figure S3: Survival Function of cytoplasmic TR $\alpha$ 2, cytoplasmic TR $\alpha$ 2 is not a significant prognosticator for overall Survival, ten year survival or disease free survival



Means for Survival Time				
TRa2_cyt_gr0	Mean		95% Confidence Interval	
	Estimate	Std. Error	Lower Bound	Upper Bound
0	9.921	0.281	9.371	10,471
1	9.642	0.685	8.299	10,984
Overall	9.932	0.264	9,414	10,449

a Estimation is limited to the largest survival time if it is censored.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,002	1	0,969

Test of equality of survival distributions for the different levels of TRa2\_cyt\_gr0.

Means for Survival Time				
TRa2_cyt_gr0	Mean		95% Confidence Interval	
	Estimate	Std. Error	Lower Bound	Upper Bound
0	8,53	0,203	8,131	8,928
1	8,425	0,498	7,45	9,4
Overall	8,526	0,19	8,154	8,899

a Estimation is limited to the largest survival time if it is censored.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,278	1	0,598

Test of equality of survival distributions for the different levels of TRa2\_cyt\_gr0.

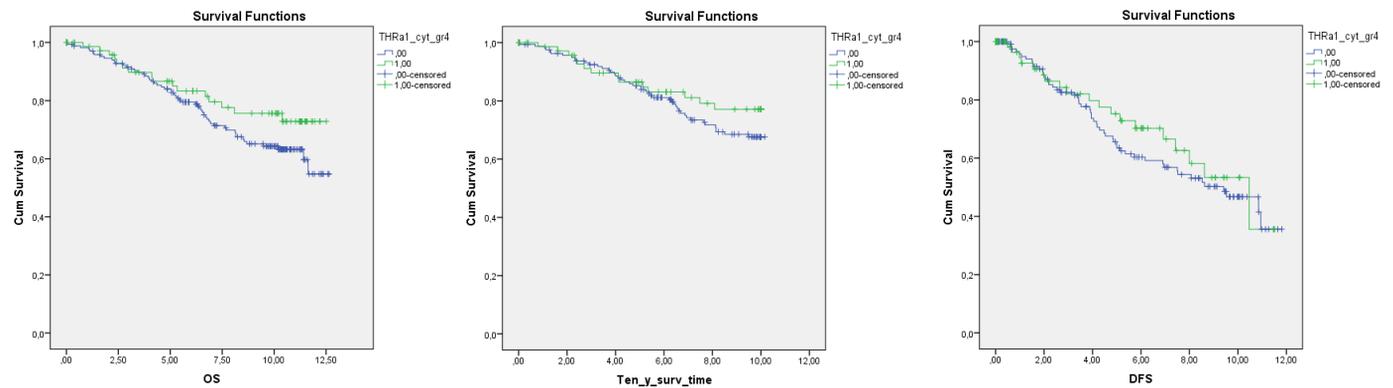
Means for Survival Time				
TRa2_cyt_gr0	Mean		95% Confidence Interval	
	Estimate	Std. Error	Lower Bound	Upper Bound
0	7,725	0,358	7,024	8,426
1	8,249	0,964	6,359	10,138
Overall	7,814	0,337	7,153	8,475

a Estimation is limited to the largest survival time if it is censored.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,428	1	0,513

Test of equality of survival distributions for the different levels of TRa2\_cyt\_gr0.

# Suppl. Figure S4: Survival Function of cytoplasmic TR $\alpha$ 1, cytoplasmic TR $\alpha$ 1 is not a significant prognosticator for overall Survival, ten year survival or disease free survival



Means for Survival Time					
THRa1_cyt_gr4	Mean		95% Confidence Interval		
	Estimate	Std. Error	Lower Bound	Upper Bound	
0	9,812	0,317	9,19	10,433	
1	10,484	0,455	9,593	11,376	
Overall	10,035	0,263	9,52	10,551	

a Estimation is limited to the largest survival time if it is censored.

Means for Survival Time					
THRa1_cyt_gr4	Mean		95% Confidence Interval		
	Estimate	Std. Error	Lower Bound	Upper Bound	
0	8,492	0,225	8,052	8,933	
1	8,686	0,328	8,042	9,33	
Overall	8,585	0,187	8,218	8,952	

a Estimation is limited to the largest survival time if it is censored.

Means for Survival Time					
THRa1_cyt_gr4	Mean		95% Confidence Interval		
	Estimate	Std. Error	Lower Bound	Upper Bound	
0	7,757	0,403	6,967	8,548	
1	8,134	0,588	6,981	9,287	
Overall	7,92	0,337	7,26	8,58	

a Estimation is limited to the largest survival time if it is censored.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	2,053	1	0,152

Test of equality of survival distributions for the different levels of THRa1\_cyt\_gr4.

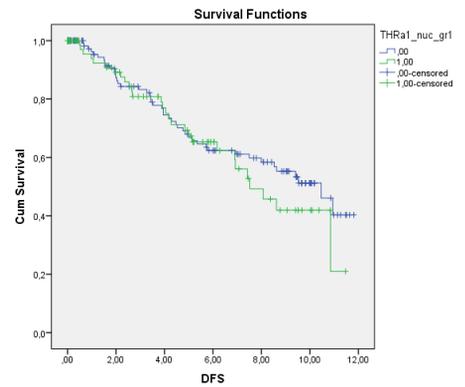
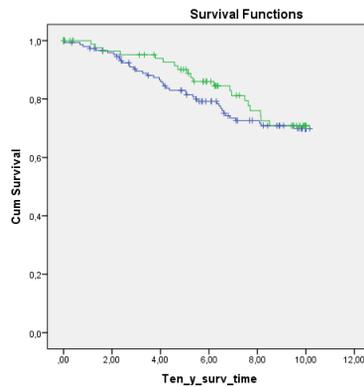
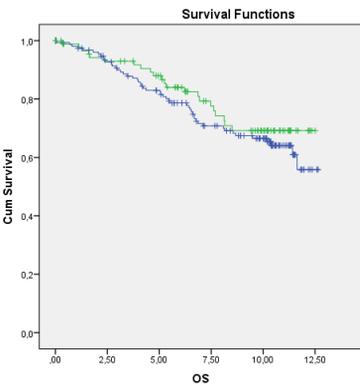
Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	1,253	1	0,263

Test of equality of survival distributions for the different levels of THRa1\_cyt\_gr4.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,475	1	0,491

Test of equality of survival distributions for the different levels of THRa1\_cyt\_gr4.

# Suppl. Figure S5: Survival Function of nuclear TR $\alpha$ 1, nuclear TR $\alpha$ 1 is not a significant prognosticator for overall Survival, ten year survival or disease free survival



Means for Survival Time				
THRa1_nuc_gr1	Mean	95% Confidence Interval		
	Estimate	Std. Error	Lower Bound	Upper Bound
0	9,846	0,335	9,19	10,502
1	10,291	0,414	9,48	11,102
Overall	10,035	0,263	9,52	10,551

a Estimation is limited to the largest survival time if it is censored.

Means for Survival Time				
THRa1_nuc_gr1	Mean	95% Confidence Interval		
	Estimate	Std. Error	Lower Bound	Upper Bound
0	8,429	0,248	7,942	8,916
1	8,736	0,266	8,214	9,258
Overall	8,585	0,187	8,218	8,952

a Estimation is limited to the largest survival time if it is censored.

Means for Survival Time				
THRa1_nuc_gr1	Mean	95% Confidence Interval		
	Estimate	Std. Error	Lower Bound	Upper Bound
0	8,062	0,425	7,229	8,895
1	7,422	0,53	6,383	8,46
Overall	7,92	0,337	7,26	8,58

a Estimation is limited to the largest survival time if it is censored.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,852	1	0,356

Test of equality of survival distributions for the different levels of THRa1\_nuc\_gr1.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,321	1	0,571

Test of equality of survival distributions for the different levels of THRa1\_nuc\_gr1.

Overall Comparisons			
	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	0,594	1	0,441

Test of equality of survival distributions for the different levels of THRa1\_nuc\_gr1.