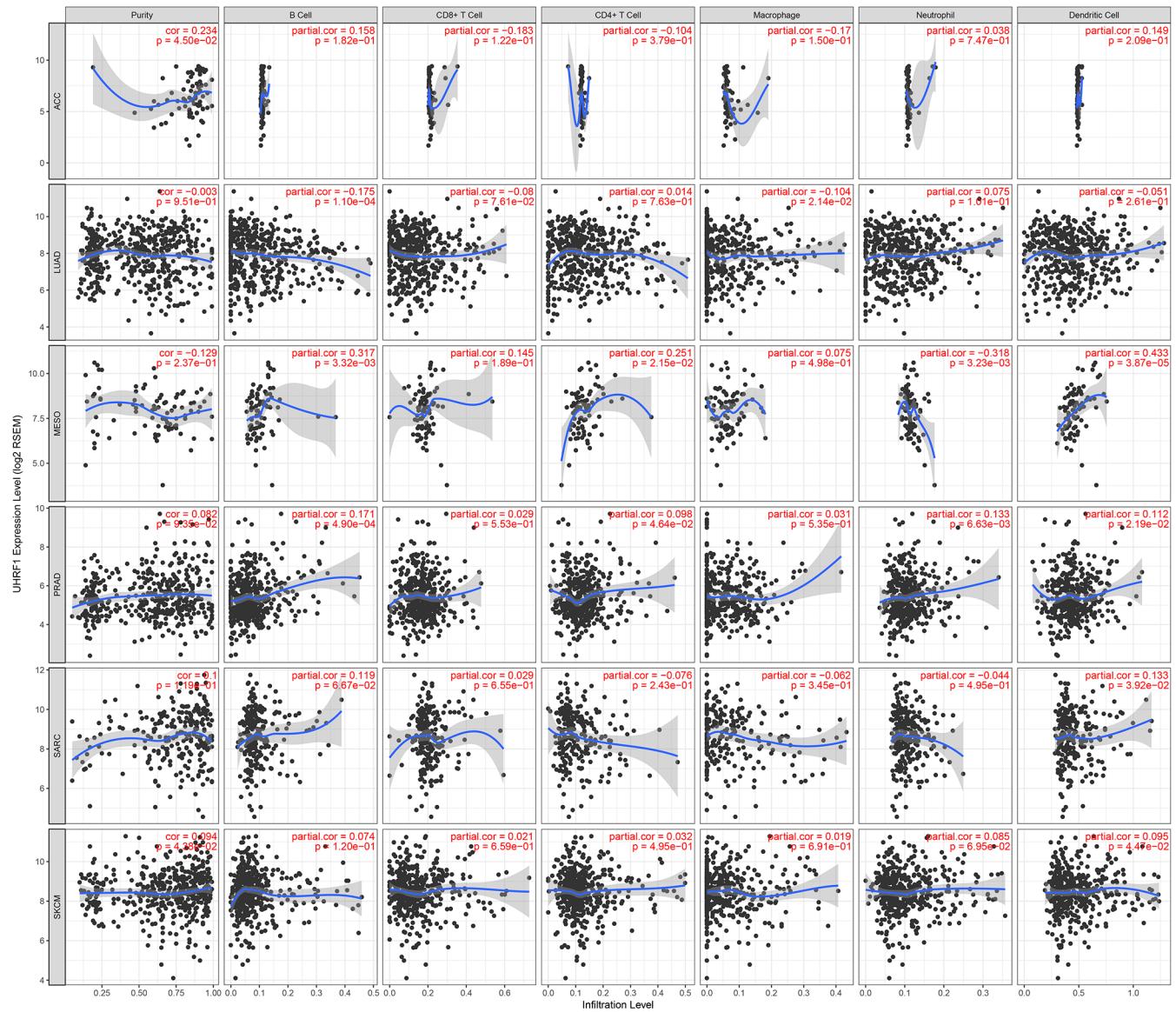


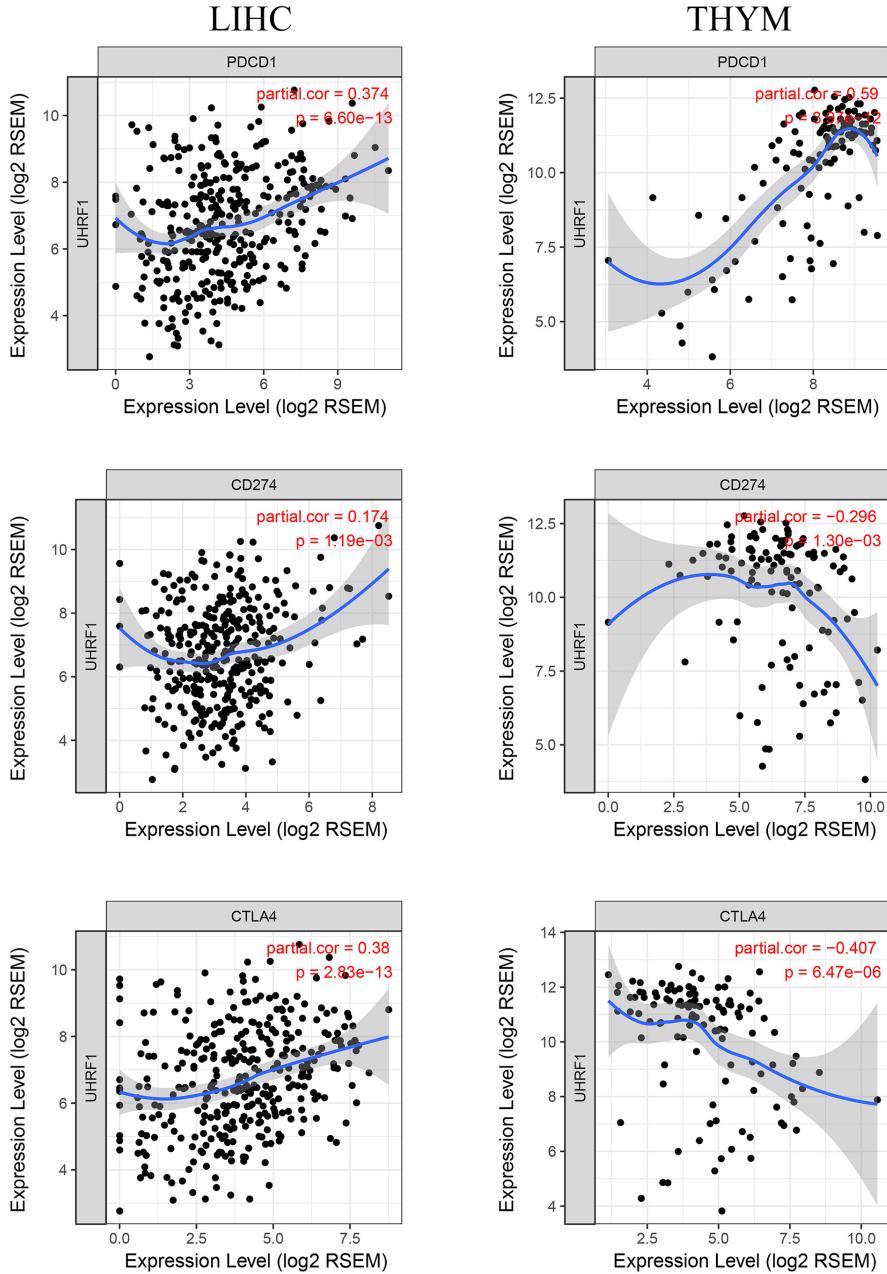
## SUPPLEMENTARY FIGURES

Range 1: 1197 to 2619 GenBank Graphics					▼ Next Match	▲ Previous Match
Score 2584 bits(1399)	Expect 0.0	Identities 1415/1423(99%)	Gaps 0/1423(0%)	Strand Plus/Plus		
Query 1	TGCGGGGGCGGGCAGGACCCGACAAGCAGCTCATGTGCATGAGTGCAGATGGCCTTCACATCTACTGCCCTGGACCCGCCCTCAGC				90	
Sbjct 1197	TGCGGGGGCGGGCAGGACCCGACAAGCAGCTCATGTGCATGAGTGCAGATGGCCTTCACATCTACTGCCCTGGACCCGCCCTCAGC				1286	
Query 91	AGTGTCCCAGCGAGGACGAGTGGTACTGCCCTGAGTGGCGGAATGATGCCAGCGAGGTTGACTGGCGGGAGAGCGGGCTGAGAGAGAGC				180	
Sbjct 1287	AGTGTCCCAGCGAGGACGAGTGGTACTGCCCTGAGTGGCGGAATGATGCCAGCGAGGTTGACTGGCGGGAGAGCGGGCTGAGAGAGAGC				1376	
Query 181	AAGAAGAAAGGCGAAGATGGCCTCGGCCACATCGTCTCACAGCGGACTGGGACAAGGGCATGGCTGTGTTGGCGCACCAAGGAATGT				270	
Sbjct 1377	AAGAAGAAAGGCGAAGATGGCCTCGGCCACATCGTCTCACAGCGGACTGGGACAAGGGCATGGCTGTGTTGGCGCACCAAGGAATGT				1466	
Query 271	ACCATCATCCCGTCCAACCACAGGACCCATCCCGGGATCCCGTGGCACCATGGCGGTTCCAGGTCAGCGAGTCGGGT				360	
Sbjct 1467	ACCATCATCCCGTCCAACCACAGGACCCATCCCGGGATCCCGTGGCACCATGGCGGTTCCAGGTCAGCGAGTCGGGT				1556	
Query 361	GTCCATCGGCCCCACGTGGCTGGCATCAAAGCGGAGAACAGCACGGAGGTACTCCCTACTCTGGCGGGGGCTACAGGGATGACGTG				450	
Sbjct 1557	GTCCATCGGCCCCACGTGGCTGGCATCAAAGCGGAGAACAGCACGGAGGTACTCCCTACTCTGGCGGGGGCTATGAGGATGATGTG				1646	
Query 451	GACCATGGAAATTTTACACATAACAGGGTAGTGGTGTGAGAGCTTCCCGAACAGAGGGACCGCGGAACAGCTCTGTGATCAGAAA				540	
Sbjct 1647	GACCATGGAAATTTTACACATAACAGGGTAGTGGTGTGAGATCTTCCCGAACAGAGGGACCGCGAACAGCTCTGTGATCAGAAA				1736	
Query 541	CTCACCAACACCAACAGGGCGCTGGCTCTCAACTGCTTGTCCCCTCAACTGACCAAGAAGGGGCCAGGCCAAGGACTGGCGTCGGGG				630	
Sbjct 1737	CTCACCAACACCAACAGGGCGCTGGCTCTCAACTGCTTGTCCCCTCAACTGACCAAGAAGGGGCCAGGCCAAGGACTGGCGTCGGGG				1826	
Query 631	AAGCCGGTCAAGGTGGTGCAGAATGCAAGGGTGGCAAGAAATAGCAGTACGCCCGCTGAGGCCAACCGTACGATGGCATCTACAAG				720	
Sbjct 1827	AAGCCGGTCAAGGTGGTGCAGAATGCAAGGGTGGCAAGAAATAGCAGTACGCCCGCTGAGGCCAACCGTACGATGGCATCTACAAG				1916	
Query 721	GTTGTGAAATACTGGCCCGAGAAGGGGAAGTCCGGGTTCTGTGTGGCGCTACCTCTGGGGAGGGACGATGATGAGCCGGCCCTTG				810	
Sbjct 1917	GTTGTGAAATACTGGCCCGAGAAGGGGAAGTCCGGGTTCTGTGTGGCGCTACCTCTGGGGAGGGACGATGATGAGCCCTGGCCCTTG				2006	
Query 811	ACGAAGGGAGGGAGGGACGGATCAAGAAGCTGGGCTGACCATGCGATATCCAGAAGGCTACCTGGAGGCCCTGGCAACCgagagcg				900	
Sbjct 2007	ACGAAGGGAGGGAGGGACGGATCAAGAAGCTGGGCTGACCATGCGATATCCAGAAGGCTACCTGGAGGCCCTGGCAACCAGAGCGA				2096	
Query 901	gagaaggagaacacgcaagaggaggaggaggaggcaggagggggCTTCGCTCCCCAGGACGGCAAGGGCAAGTGGAGCGGAAG				990	
Sbjct 2097	GAGAAGGGAGAACAGCAAGAGGGAGGGAGGGAGGAGCAGCAGGAGGGGGCTTCGCTCCCCAGGACGGCAAGGGCAAGTGGAGCGGAAG				2186	
Query 991	TCGGCAGGAGGTGGCCCGAGCAGGGCCGGTCCCCGCCGGACATCCAAGAAAACCAAGGTGGAGGCCCTACAGCTCACGGCCAGCAG				1080	
Sbjct 2187	TCGGCAGGAGGTGGCCCGAGCAGGGCCGGTCCCCGCCGGACATCCAAGAAAACCAAGGTGGAGGCCCTACAGCTCACGGCCAGCAG				2276	
Query 1081	AGCAGCCTCATCAGAGAGGACAAGAGCAACGCCAAGCTGTGGATGAGGTCTGGCTCACTCAAGGACGCCGGCAGCGCAGCCCG				1170	
Sbjct 2277	AGCAGCCTCATCAGAGAGGACAAGAGCAACGCCAAGCTGTGGATGAGGTCTGGCTCACTCAAGGACGCCGGCAGCGCAGCCCG				2366	
Query 1171	TTCCAGTTCTCTGAGTAAAGTGGAGGAGACGTTCCAGTGTATCTGCTGTGAGGCTGGTGTCCGGCCATCACGACCGTGTGCCAG				1260	
Sbjct 2367	TTCCAGTTCTCTGAGTAAAGTGGAGGAGACGTTCCAGTGTATCTGCTGTGAGGCTGGTGTCCGGCCATCACGACCGTGTGCCAG				2456	
Query 1261	CACAACGTGTCAAGGGACTGCCAGATCTTCTGGGCACAGGTGTTGAGCTGCCCTGCCGTACGACCTGGCCCGAGCTAT				1350	
Sbjct 2457	CACAACGTGTCAAGGGACTGCCAGATCTTCTGGGCACAGGTGTTGAGCTGCCCTGCCGTACGACCTGGCCCGAGCTAT				2546	
Query 1351	GCCATCAGGTGAACCAAGCCTCTGCAGACCGCTCTCAACCAAGCTCTCCCGGCTACGGCAATGGCGGTGAT	1423				
Sbjct 2547	GCCATCAGGTGAACCAAGCCTCTGCAGACCGCTCTCAACCAAGCTCTCCCGGCTACGGCAATGGCGGTGAT	2619				

Supplementary Figure 1. Sequence similarity between RP11-424C20.2 and its parental gene UHRF1 (NM\_001048201.2).



**Supplementary Figure 2. Correlation of UHRF1 expression with immune infiltration in ACC, LUAD, MESO, PRAD, SARC and SKCM analyzed using the “Gene” module in TIMER.**



**Supplementary Figure 3. Correlation analysis between UHRF1 expression and PD-1, PD-L1 and CTLA-4.**