Table S1. PCR primer list

GenBank	Gene	Description		Sequence 5'->3'	Product length [bp]
NM_000600.5 NM_001371096.1	*IL6*	Interleukin 6 (interferon, beta 2)	OF: OR: IF: IR:	CATCCTCGACGGCATCTCAG CACCAGGCAAGTCTCCTCATT CCTGAGAAAGGAGACATGTAACAAG AAGGTTCAGGTTGTTTTCTGCC	163 79
NM_000584.4 NM_001354840.3	*CXCL8*	Interleukin 8 (IL8, C-X-C motif chemokine ligand 8, CXCL8)	OF: OR: IF: IR:	TTTTGCCAAGGAGTGCTAAAGA AACCCTCTGCACCCAGTTTTC ACTGAGAGTGATTGAGAGTGGAC AACCCTCTGCACCCAGTTTTC	194 112
NM_000572.3	*IL10*	Interleukin 10 (cytokine synthesis inhibitory factor, IL10A,TGIF,GVHDS,)	OF: OR: IF: IR:	CGAGATGCCTTCAGCAGAGT AGAAATCGATGACAGCGCC CTTTAAGGGTTACCTGGGTTGC CGCCTTGATGTCTGGGTCTT	257 103
NM_001354991.2 NM_001354992.2 NM_001354993.2 NM_002188.3	*IL13*	Interleukin 13	OF: OR: IF: IR:	CTGGAATCCCTGATCAACGTGT TTTACCCCTCCCTAACCCTCC AAGGTCTCAGCTGGGCAGTTTT ACTGTCCCTCGCGAAAAAGTT	322 115
NM_001243211.2 NM_001386420.1 NM_001562.4	*IL18*	Interleukin 18 (interferon-gamma-inducing factor)	OF: OR: IF: IR:	AAGATGGCTGCTGAACCAGT GTCCGGGGTGCATTATCTCT GCTGAAGATGATGAAAACCTGGA GAGGCCGATTTCCTTGGTCA	245 115
NM_001145138.2 NM_001243984.2 NM_001243985.2 NM_021975.4	*RELA*	Polypeptide gene enhancer in B-cells 3, p65	OF: OR: IF: IR:	CTCCTGTGCGTGTCTCCAT GAAGGCACAGCAATGCGTC GCCAGATACAGACGATCGTCA GAAGGCACAGCAATGCGTC	214 138
NM_000594.4	*TNFA*	Tumor necrosis factor (TNF superfamily, member 2)	OF: OR: IF: IR:	GAGGCGCTCCCCAAGAAGAC GTGAGGAGCACATGGGTGGA GCCTCTTCTCCTTCCTGATCG AGAAGATGATCTGACTGCCTGG	416 143
NM_001101.5	*ACTB*	Actin beta	OF: OR: IF: IR:	GCCGAGACCGCGTCC CACGATGGAGGGGAAGACG GCACAGAGCCTCGCCTT GTTGTCGACGACGAGCG	186 93

Abbreviations: bp, base pairs; IF, inner forward; IR, inner reverse; OF, outer forward; OR, outer reverse

Table S2. Logistic regression models for predicting postpartum AGT in GDM patients (postpartum NGT, n=18; postpartum AGT, n=10)

Model no	Factors	Global significancy *p-value*		Goodness of fit						Validation			
		LR test	Wald's test	Hosmer Lemeshow's test *p-value*	AIC	AICC	BIC	Cox-Snell's R2	Nagelkerk's R2	AUC	AUC Error	AUC	AUC Error
1	*IL8*	**0.0195**	**0.0370**	0.4628	35.04	35.52	37.71	0.18	0.24	0.75	0.11	0.65	0.12
2	*IL13*	**0.0356**	0.0542	0.1696	36.08	36.56	38.75	0.15	0.20	0.73	0.10	0.52	0.12
3	*TNFA*	**0.0097**	**0.0273**	0.2820	33.80	34.28	36.47	0.21	0.29	0.76	0.10	0.66	0.13
4	*FPG*	0.2161	0.2287	0.6225	38.97	39.45	41.63	0.05	0.07	0.71	0.10	0.54	0.13
5	*IL8+IL13+TNFA+FPG*	**0.0030**	**0.1004**	0.6381	30.52	33.24	37.18	0.43	**0.60**	**0.91**	**0.06**	**0.79**	**0.10**
6	*IL8+IL13+TNFA*	**0.0013**	0.0536	0.6665	28.75	30.49	34.08	0.43	0.59	0.91	0.06	0.78	0.10
7	*IL8xTNFA+IL13*	**0.0002**	**0.0336**	0.5174	**25.19**	**26.19**	**29.18**	**0.46**	**0.63**	**0.89**	**0.06**	0.68	0.13
8	*IL8+IL13*	**0.0030**	**0.0328**	0.4821	30.87	31.87	34.87	0.34	0.47	**0.87**	**0.07**	**0.77**	**0.09**
9	*[IL8xIL13xTNFAxFPG]*	**0.0001**	**0.0178**	0.3531	**25.45**	**25.93**	**28.11**	**0.42**	**0.57**	0.85	0.08	0.76	0.12
10	*[IL8xIL13xTNFA]*	**0.0002**	**0.0140**	0.3925	**26.56**	**27.04**	**29.22**	**0.39**	0.54	0.85	0.08	**0.80**	0.11

The significant results of statistical tests and best scores of each goodness of fit measurement shown in bold.

Abbreviations: AIC, Akaike Information Criterion; AICC, Akaike Information Corrected Criterion; AUC, area under the curve BIC, Bayesian Information Criterion; LR test, Likelihood-Ratio test