

	Kmer/OTU	Amplicon/WGS
AGP	Kmer	Amplicon
Thomas et al.	Kmer	WGS
Thomas et al.	OTU	WGS
Wirbel et al.	OTU	WGS
Gibbons et al	Kmer	16S
Hispanic Community Cohort	Kmer	16S
Preterm Birth	Kmer	16S?

Type II Diabetes

Kmer

WGS?

7 datasets

16 Phenotypes

Phenotype	Type Phenotype	# Samples	# Cohorts	Predictive Value
Antibiotic	Binary	24903	1	High
BMI	Continuous	24903	1	Moderate
Alcohol consumption	Binary	24903	1	Moderate
Diet	Binary	24903	1	Moderate
Antibiotic 0-6mo	Binary			
Antibiotic 6-12mo	Binary	17868		
colorectal cancer	Binary	813	6	High
colorectal cancer	Binary	813	6	High
colorectal cancer	Binary			
colorectal cancer	Binary		3	
BMI	Continuous	1895	1	Low
Alcohol consumption	Binary	1895	1	
BMI group	Binary	1895	1	Moderate
Antibiotic Status	Binary	1895	1	Moderate
Preterm vs Term	Binary	2528	2	High
Gestational Week of Collection	Integer	2528	2	Moderate
Gestational Week of Delivery	Integer	2528	2	Moderate

Type II Diabetes

Binary

508

2 High

Performance Improvement ?	
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Yes	
Yes	

0-6: 3562

> 6: 15470

6-12: 5155

> 12: 12713

	143	352	CRC
Yes	318		

	143	352	CRC
Yes	318		

Yes	
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No

No	
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No

No

No (Yes if repeat samples)

No

No

Yes