SFS Overall Data Flow

UW ITHS

NWGC

FHCRC / Bedford Lab

UW BBI

UW LabMed

Manual process

REDCap
Participants self-enroll in REDCap (HIPAA Compliant, contains PII)

Encrypted at rest

Encrypted in transit

PII Stripped

ID3C
PII stripped and limited subset of data ingested by ID3C

Samples collected from / by participants and returned to lab

OneDrive
Lab identifiers entered in UW OneDrive (HIPAA Compliant, no PII)

Encrypted at rest

Encrypted in transit

AWS S3 Bucket
Aliquoting sheet copied to PHI-Approved S3 Bucket (no PII)

Encrypted at rest

Encrypted in transit

ID3C
Lab identifiers ingested (no PII)

Samples extracted at BBI & presence/absence tested at NWGC

Samplify
Presence / absence results stored w/ lab identifiers in Samplify (no PII)

Encrypted in transit

ID3C
Presence / absence results are pushed to ID3C (no PII)

Encrypted in transit

REDCap PII merged with Presence / Absence results from ID3C

Encrypted in transit

Encrypted in transit

UW LabMed SecureLink Portal
Results loaded on portal (HIPAA Compliant, contains PII)