	severity	code	details	
112	error	structure	Unable to find a profile match for urn:uuid:b31766d2-d47b-4916-95b3-131ad6d63d92 among choices: http://hl7.eu/fhir/base/StructureDefinition/medicalTestResult-eu-core, http://hl7.org/fhir/StructureDefinition/ImagingStudy	[Bundle.entry[6].resource/*Observation/null*/.derivedFrom
114	error	invalid	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication|0.2.1 and slicing is CLOSED: Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: ($this is Quantity))	[Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept)]
25	error	structure	Unable to find a profile match for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Patient	[Bundle.entry[2].resource/*Observation/null*/.subject]
59	error	invariant	Constraint failed: obs-7: 'If Observation.code is the same as an Observation.component.code then the value element associated with the code SHALL NOT be present'	[Bundle.entry[5].resource/*Observation/null*/]
84	error	invalid	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 and slicing is CLOSED: Bundle.entry[5].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: ($this is Quantity))	[Bundle.entry[5].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept)]
81	error	invalid	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 and slicing is CLOSED: Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: ($this is Quantity))	[Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept)]
130	error	processing	Slicing cannot be evaluated: Could not match discriminator ($this) for slice DiagnosticReport.category:Genetics in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport\|0.2.1 - the discriminator [$this] does not have fixed value, binding or existence assertions	[Bundle.entry[8].resource.category[0]]
78	error	structure	Unable to find a profile match for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Patient	[Bundle.entry[5].resource/*Observation/null*/.subject]
140	error	structure	Unable to find a profile match for urn:uuid:a35aad92-d920-4029-940c-732ea21eeeb1 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[8].resource.result[2]]
3	error	invalid	Not a valid date format: '1982--0-2-'	[Bundle.entry[1].resource/*Patient/null*/.birthDate]
138	error	structure	Unable to find a profile match for urn:uuid:b31766d2-d47b-4916-95b3-131ad6d63d92 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[8].resource.result[1]]
134	error	structure	Unable to find a profile match for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Patient	[Bundle.entry[8].resource.subject]
133	error	structure	Slice 'DiagnosticReport.code.coding:GenomicTestDirectory': a matching slice is required, but not found (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.2.1). Note that other slices are allowed in addition to this required slice	[Bundle.entry[8].resource.code]
136	error	structure	Unable to find a profile match for urn:uuid:d6fa8911-5f6c-41d9-8aa2-7dc27f2365fa among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[8].resource.result[0]]

	severity	code	details	
110	error	structure	Unable to find a profile match for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Patient	[Bundle.entry[6].resource/*Observation/null*/.subject]
96	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[11].value.ofType(string)]
95	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[10].value.ofType(Range)]
94	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[9].value.ofType(string)]
93	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[8].value.ofType(CodeableConcept)]
92	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept)]
90	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[6].value.ofType(CodeableConcept)]
91	information	code-invalid	None of the codings provided are in the value set 'Laboratory Code' (http://hl7.eu/fhir/base/ValueSet/lab-obsCode-eu-lab|2.0.0-ballot), and a coding is recommended to come from this value set (codes = null#48006-1)	[Bundle.entry[5].resource/*Observation/null*/.component[(
85	information	code-invalid	Binding for path Bundle.entry[5].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept) in profile StructureDefinition[https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1] has no source, so can't be checked	[Bundle.entry[5].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept)]
88	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[4].value.ofType(CodeableConcept)]
87	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[3].value.ofType(CodeableConcept)]
86	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept)]
97	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[12].value.ofType(CodeableConcept)]
83	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a	[Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept)]

severity		code	details	
80	information	informational	problem, but you should check that it's not intended to match a slice) This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[0].value.ofType(CodeableConcept)]
79	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9- b729-5d0c8186d932 matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/Patient| 0.2.1	[Bundle.entry[5].resource/*Observation/null*/.subject]
77	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
76	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
75	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
74	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
89	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[5].value.ofType(CodeableConcept)]
98	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/ null*/.component[13].value.ofType(CodeableConcept)]
0	information	informational	A definition could not be found for Canonical URL 'https://fhir.nwgenomics.nhs.uk/Endpoint/IGENE' but a definition can be found for 'http:// fhir.nwgenomics.nhs.uk/Endpoint/IGENE' - change from https: to http:	[Bundle.entry[0].resource/*MessageHeader/null*/.source.e
100	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[15].value.ofType(CodeableConcept)]
141	information	structure	Details for urn:uuid:a35aad92- d920-4029-940c-732ea21eeeb1 matching against profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Observation|0.2.1	[Bundle.entry[8].resource.result[2]]
139	information	structure	Details for urn:uuid:b31766d2- d47b-4916-95b3-131ad6d63d92 matching against profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Observation|0.2.1	[Bundle.entry[8].resource.result[1]]
137	information	structure	Details for urn:uuid:d6fa8911-5f6c-41d9-8aa2-7dc27f2365fa matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[8].resource.result[0]]
135	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9- b729-5d0c8186d932 matching against profile https://	[Bundle.entry[8].resource.subject]

	severity	code	details	
			fhir.nwgenomics.nhs.uk/StructureDefinition/Patient|0.2.1	
132	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[8].resource.code.coding[0]]
131	information	not-supported	DiagnosticReport.category:Genetics: Found 0 matches, but unable to check minimum required (DiagnosticReport.category) due to lack of slicing validation (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.2.1)	[Bundle.entry[8].resource]
129	information	informational	Entry 'urn:uuid:552767ef-1685-4f87-843d-fed8718a8f9a' isn't reachable by traversing forwards from the MessageHeader. Check that this is meant to be included (needed to process the message)	[Bundle.entry[10]]
124	information	structure	Details for urn:uuid:a35aad92-d920-4029-940c-732ea21eeeb1 matching against profile http://hl7.org/fhir/StructureDefinition/Observation|4.0.1	[Bundle.entry[8].resource/*DiagnosticReport/null*/.result[2
123	information	structure	Details for urn:uuid:b31766d2-d47b-4916-95b3-131ad6d63d92 matching against profile http://hl7.org/fhir/StructureDefinition/Observation|4.0.1	[Bundle.entry[8].resource/*DiagnosticReport/null*/.result[
122	information	structure	Details for urn:uuid:d6fa8911-5f6c-41d9-8aa2-7dc27f2365fa matching against profile http://hl7.org/fhir/StructureDefinition/Observation|4.0.1	[Bundle.entry[8].resource/*DiagnosticReport/null*/.result[(
120	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile http://hl7.org/fhir/StructureDefinition/Patient|4.0.1	[Bundle.entry[8].resource/*DiagnosticReport/null*/.subject
117	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile http://hl7.org/fhir/StructureDefinition/Patient|4.0.1	[Bundle.entry[7].resource/*ServiceRequest/null*/.subject]
116	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept)]
115	information	code-invalid	Binding for path Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept) in profile StructureDefinition[https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication|0.2.1] has no source, so can't be checked	[Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept)]
113	information	structure	Details for urn:uuid:b31766d2-d47b-4916-95b3-131ad6d63d92 matching against profile http://hl7.eu/fhir/base/StructureDefinition/medicalTestResult-eu-core|2.0.0-ballot	[Bundle.entry[6].resource/*Observation/null*/.derivedFrom
111	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Patient|0.2.1	[Bundle.entry[6].resource/*Observation/null*/.subject]
107	information	structure	Details for urn:uuid:b31766d2-d47b-4916-95b3-131ad6d63d92 matching against profile http://hl7.org/fhir/StructureDefinition/Observation|4.0.1	[Bundle.entry[6].resource/*Observation/null*/.derivedFrom
105	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile http://hl7.org/fhir/StructureDefinition/Patient|4.0.1	[Bundle.entry[6].resource/*Observation/null*/.subject]
104	information	code-invalid	None of the codings provided are in the value set 'Observation Category Codes' (http://hl7.org/fhir/ValueSet/observation-category|4.0.1), and a coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)	[Bundle.entry[6].resource/*Observation/null*/.category[1]]

	severity	code	details	
103	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[18].value.ofType(CodeableConcept)]
73	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
102	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[17].value.ofType(CodeableConcept)]
101	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[16].value.ofType(CodeableConcept)]
99	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/ null*/.component[14].value.ofType(CodeableConcept)]
72	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
71	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
70	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
15	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[0
16	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[
38	information	structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile http:// hl7.org/fhir/StructureDefinition/Patient|4.0.1	[Bundle.entry[4].resource/*DocumentReference/null*/.subj
34	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[8].value.ofType(CodeableConcept)]
33	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[7].value.ofType(CodeableConcept)]
32	information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this	[Bundle.entry[2].resource/*Observation/ null*/.component[6].value.ofType(CodeableConcept)]

severity	code	details	
17	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[2
31	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[5].value.ofType(CodeableConcept)]
18	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[
19	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[
30	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[4].value.ofType(CodeableConcept)]
29	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[3].value.ofType(CodeableConcept)]
28	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[2].value.ofType(CodeableConcept)]
27	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/ null*/.component[1].value.ofType(CodeableConcept)]
26	information structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/Patient| 0.2.1	[Bundle.entry[2].resource/*Observation/null*/.subject]
24	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[9
23	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[8
22	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[
20	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[
44	information code-invalid		[Bundle.entry[5].resource/*Observation/null*/.category[1]]

severity	code	details	
		None of the codings provided are in the value set 'Observation Category Codes' (http://hl7.org/fhir/ValueSet/observation-category|4.0.1), and a coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)	
45	information structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile http://hl7.org/fhir/StructureDefinition/Patient|4.0.1	[Bundle.entry[5].resource/*Observation/null*/.subject]
21	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[
60	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.category[2]]
69	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
68	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[9
67	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[8
66	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[7
65	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[6
64	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
63	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[4
6	information structure	Details for urn:uuid:5cf3f31b-ceec-4fc9-b729-5d0c8186d932 matching against profile http://hl7.org/fhir/StructureDefinition/Patient|4.0.1	[Bundle.entry[2].resource/*Observation/null*/.subject]
5	information code-invalid	None of the codings provided are in the value set 'Observation Category Codes' (http://hl7.org/fhir/ValueSet/observation-category|4.0.1), and a coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)	[Bundle.entry[2].resource/*Observation/null*/.category[1]]
62	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[
61	information informational		[Bundle.entry[5].resource/*Observation/null*/.component[

	severity	code	details	
			This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant|0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
121	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[8].resource/*DiagnosticReport/null*/.subject.identifier.type]
2	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[1].resource/*Patient/null*/.identifier[0].type]
7	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[2].resource/*Observation/null*/.subject.iden
8	warning	not-found	A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).codin
9	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/refseq' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept).codin
10	warning	not-found	A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[3].value.ofType(CodeableConcept).codin
11	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[4].value.ofType(CodeableConcept).codin
12	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[5].value.ofType(CodeableConcept).codin
13	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[6].value.ofType(CodeableConcept).codin
108	warning	not-found	A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated	[Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept).codin
118	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[7].resource/*ServiceRequest/null*/.subject.ic
82	warning	not-found	A definition for CodeSystem 'http://www.genenames.org' version 'null' could not be found, so the code cannot be validated. Valid versions: 3.0.0 or 3.1.0	[Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).codin
57	warning	not-found	A definition for CodeSystem 'Chrom-Loc' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[13].value.ofType(CodeableConcept).cod
56	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/projects/SNP' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[12].value.ofType(CodeableConcept).cod
55	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[8].value.ofType(CodeableConcept).codin
54	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/refseq' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept).codin
53	warning	invalid	Coding has no system. A code with no system has no defined meaning, and it cannot be validated. A system should be provided	[Bundle.entry[5].resource/*Observation/null*/.component[6].code.coding[0]]

	severity	code	details	
52	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[4].value.ofType(CodeableConcept).codin
51	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[3].value.ofType(CodeableConcept).codin
50	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/refseq' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept).codin
49	warning	not-found	A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).codin
48	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept).codin
47	warning	not-found	A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
46	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[5].resource/*Observation/null*/.subject.ident
39	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[4].resource/*DocumentReference/null*/.subject.identifier.type]
106	warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type|4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)	[Bundle.entry[6].resource/*Observation/null*/.subject.ident