	severity	code	details	
72	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[14].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: ($this is Quantity))	[Bundle.entry[14].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept)]
115	error	processing	Slicing cannot be evaluated: Could not match discriminator ($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[17].resource.category[0]]
118	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[17].resource.code]
119	error	structure	Unable to find a profile match for urn:uuid:ed9bee63-1665-466b-8252-c46a049bb838 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[0]]
100	error	structure	Unable to find a profile match for urn:uuid:3662b42b-d29f-4dd1-8ef5-4197193ebbd0 among choices: http://hl7.eu/fhir/base/StructureDefinition/medicalTestResult-eu-core, http://hl7.org/fhir/StructureDefinition/ImagingStudy	[Bundle.entry[15].resource/*Observation/null*/.derivedFro
121	error	structure	Unable to find a profile match for urn:uuid:b0d89d0f-0763-4c71-8168-11e82bda5447 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[1]]
123	error	structure	Unable to find a profile match for urn:uuid:7e90bc58-19a2-4f6d-a2e8-9a80872b08cf among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[2]]
125	error	structure	Unable to find a profile match for urn:uuid:9c0bcf16-b0eb-4013-aeb5-e0b7c6e2e3bc among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[3]]
127	error	structure	Unable to find a profile match for urn:uuid:1f4236be-f2ff-47e2-9c41-de1d6e95c836 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[4]]
129	error	structure	Unable to find a profile match for urn:uuid:bb8d8d55-1335-4e34-a95e-f43ace95a9b9 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[5]]
75	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[14].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: ($this is Quantity))	[Bundle.entry[14].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept)]
141	error	structure	Unable to find a profile match for urn:uuid:6196a7b5-e5ed-47b1-9e66-cbea3681616e among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[11]]
139	error	structure	Unable to find a profile match for urn:uuid:3662b42b-d29f-4dd1-8ef5-4197193ebbd0 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[10]]
102	error	invalid	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/	[Bundle.entry[15].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept)]

	severity	code	details	
			StructureDefinition/DiagnosticImplication|0.2.1 and slicing is CLOSED: Bundle.entry[15].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: ($this is Quantity))	
137	error	structure	Unable to find a profile match for urn:uuid:8c4065b0-9dfb-4bfa-a9e6-e866a3e9c8b1 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[9]]
133	error	structure	Unable to find a profile match for urn:uuid:a4b7540a-99bc-4f97-b122-4ba5668780fb among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[7]]
52	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[14].resource/*Observation/null*/]
131	error	structure	Unable to find a profile match for urn:uuid:bed12a54-1866-4ba8-814e-c66057c6641c among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[6]]
135	error	structure	Unable to find a profile match for urn:uuid:b509b23a-252f-41ec-abec-95bbc4b59fdc among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation	[Bundle.entry[17].resource.result[8]]
91	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[14].resource/*Observation/null*/.component[15].value.ofType(CodeableConcept)]
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[14].resource/*Observation/null*/.component[13].value.ofType(CodeableConcept)]
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[14].resource/*Observation/null*/.component[17].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[14].resource/*Observation/null*/.component[14].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[14].resource/*Observation/null*/.component[16].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[14].resource/*Observation/null*/.component[10].value.ofType(Range)]
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[14].resource/*Observation/null*/.component[11].value.ofType(string)]
85	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[14].resource/*Observation/null*/.component[9].value.ofType(string)]
84	information	informational		

	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)	[Bundle.entry[14].resource/*Observation/null*/.component[8].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 problem, but you should check that it's not intended to match a slice)	[Bundle.entry[14].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept)]
82	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[14].resource/*Observation/null*/.component
81	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[14].resource/*Observation/null*/.component[6].value.ofType(CodeableConcept)]
80	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[14].resource/*Observation/null*/.component[5].value.ofType(CodeableConcept)]
79	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[14].resource/*Observation/null*/.component[4].value.ofType(CodeableConcept)]
78	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[14].resource/*Observation/null*/.component[3].value.ofType(CodeableConcept)]
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[14].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept)]
76	information	code-invalid	Binding for path Bundle.entry[14].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[14].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[14].resource/*Observation/null*/.component[12].value.ofType(CodeableConcept)]
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[14].resource/*Observation/null*/.component[18].value.ofType(CodeableConcept)]
114	information	informational	Entry 'urn:uuid:5966713b-286f-41c0-93eb-f85f8201fc93' isn't reachable by traversing forwards from the MessageHeader. Check that this is meant to be included (needed to process the message)	[Bundle.entry[19]]
97	information	structure	Details for urn:uuid:3662b42b-d29f-4dd1-8ef5-4197193ebbd0 matching against profile http://hl7.org/fhir/StructureDefinition/Observation|4.0.1	[Bundle.entry[15].resource/*Observation/null*/.derivedFro
142	information	structure	Details for urn:uuid:6196a7b5-e5ed-47b1-9e66-cbea3681616e matching against profile https://	[Bundle.entry[17].resource.result[11]]

severity		code	details	
			fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	
140	information	structure	Details for urn:uuid:3662b42b-d29f-4dd1-8ef5-4197193ebbd0 matching against profile https://fhir.nwgenomics.nhs.uk/ StructureDefinition/Observation|0.2.1	[Bundle.entry[17].resource.result[10]]
138	information	structure	Details for urn:uuid:8c4065b0-9dfb-4bfa-a9e6-e866a3e9c8b1 matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[9]]
136	information	structure	Details for urn:uuid:b509b23a-252f-41ec-abec-95bbc4b59fdc matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[8]]
134	information	structure	Details for urn:uuid:a4b7540a-99bc-4f97-b122-4ba5668780fb matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[7]]
132	information	structure	Details for urn:uuid:bed12a54-1866-4ba8-814e-c66057c6641c matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[6]]
130	information	structure	Details for urn:uuid:bb8d8d55-1335-4e34-a95e-f43ace95a9b9 matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[5]]
128	information	structure	Details for urn:uuid:1f4236be-f2ff-47e2-9c41-de1d6e95c836 matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[4]]
126	information	structure	Details for urn:uuid:9c0bcf16-b0eb-4013-aeb5-e0b7c6e2e3bc matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[3]]
95	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[15].resource/*Observation/null*/.category[1]
124	information	structure	Details for urn:uuid:7e90bc58-19a2-4f6d-a2e8-9a80872b08cf matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[2]]
120	information	structure	Details for urn:uuid:ed9bee63-1665-466b-8252-c46a049bb838 matching against profile https:// fhir.nwgenomics.nhs.uk/StructureDefinition/ Observation|0.2.1	[Bundle.entry[17].resource.result[0]]
117	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[17].resource.code.coding[0]]
116	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[17].resource]
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[14].resource/*Observation/ null*/.component[1].value.ofType(CodeableConcept)]
109	information	structure	Details for urn:uuid:6196a7b5-e5ed-47b1-9e66-cbea3681616e matching against profile http://hl7.org/ fhir/StructureDefinition/Observation|4.0.1	[Bundle.entry[17].resource/*DiagnosticReport/null*/.result
108	information	structure	Details for urn:uuid:3662b42b-d29f-4dd1-8ef5-4197193ebbd0 matching against	[Bundle.entry[17].resource/*DiagnosticReport/null*/.result

	severity	code	details	
			profile http://hl7.org/fhir/StructureDefinition/Observation|4.0.1	
104	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[15].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept)]
103	information	code-invalid	Binding for path Bundle.entry[15].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[15].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept)]
101	information	structure	Details for urn:uuid:3662b42b-d29f-4dd1-8ef5-4197193ebbd0 matching against profile http://hl7.eu/fhir/base/StructureDefinition/medicalTestResult-eu-core|2.0.0-ballot	[Bundle.entry[15].resource/*Observation/null*/.derivedFro
122	information	structure	Details for urn:uuid:b0d89d0f-0763-4c71-8168-11e82bda5447 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation|0.2.1	[Bundle.entry[17].resource.result[1]]
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[14].resource/*Observation/null*/.component[0].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
57	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[14].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[14].resource/*Observation/null*/.component
53	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[14].resource/*Observation/null*/.category[2]
54	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[14].resource/*Observation/null*/.component
55	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[14].resource/*Observation/null*/.component
56	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[14].resource/*Observation/null*/.component
58	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[14].resource/*Observation/null*/.component

severity	code	details	
		problem, but you should check that it's not intended to match a slice)	
59 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[14].resource/*Observation/null*/.component
61 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[14].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[14].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[14].resource/*Observation/null*/.component
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[14].resource/*Observation/null*/.component
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[14].resource/*Observation/null*/.component
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[14].resource/*Observation/null*/.component
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[14].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[14].resource/*Observation/null*/.component
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[14].resource/*Observation/null*/.component
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[14].resource/*Observation/null*/.component
38 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[14].resource/*Observation/null*/.category[1]
19 warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[7].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
18 warning	code-invalid	None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-	[Bundle.entry[7].resource/*Observation/null*/.subject.iden

	severity	code	details	
			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)	
16	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[6].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
21	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/*Observation/null*/.subject.ident
22	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[8].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
15	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
12	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
10	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[4].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
9	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/*Observation/null*/.subject.ident
7	warning	not-found	A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated	[Bundle.entry[3].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
6	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[3].resource/*Observation/null*/.subject.ident
24	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[9].resource/*Observation/null*/.subject.ident
4	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.ident
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]
13	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]
40	warning	not-found		

	severity	code	details	
			A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated	[Bundle.entry[14].resource/*Observation/null*/.value.ofType(CodeableConcept).coding[0].system]
73	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[14].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).codi
50	warning	not-found	A definition for CodeSystem 'Chrom-Loc' could not be found, so the code cannot be validated	[Bundle.entry[14].resource/*Observation/null*/.component[13].value.ofType(CodeableConcept).cod
49	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[14].resource/*Observation/null*/.component[12].value.ofType(CodeableConcept).cod
48	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[14].resource/*Observation/null*/.component[8].value.ofType(CodeableConcept).codin
47	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[14].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept).codin
96	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[15].resource/*Observation/null*/.subject.ide
46	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[14].resource/*Observation/null*/.component[6].code.coding[0]]
98	warning	not-found	A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated	[Bundle.entry[15].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept).codin
45	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[14].resource/*Observation/null*/.component[4].value.ofType(CodeableConcept).codin
29	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[11].resource/*DocumentReference/null*/.subject.identifier.type]
44	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[14].resource/*Observation/null*/.component[3].value.ofType(CodeableConcept).codin
42	warning	not-found	A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated	[Bundle.entry[14].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).codin
41	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[14].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept).codin
105	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[16].resource/*ServiceRequest/null*/.subject.identifier.type]
107	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[17].resource/*DiagnosticReport/null*/.subject.identifier.type]
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[14].resource/*Observation/null*/.subject.ide
36	warning	code-invalid		[Bundle.entry[13].resource/*Observation/null*/.subject.ide

	severity	code	details	
			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)	
34	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[12].resource/*Observation/null*/.subject.ider
43	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[14].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept).codir