Patient	Initial diagnosis, classification	Diagnosis after revision, reclassification	Reason for classification change
1	MOGAD, FN	CIS, TN	*Clinical and MRI phenotype not consistent with MOGAD*: Optic neuritis with low titer MOG-Abs, presence of OCBs, absence of clinical/radiological supportive features.
2	MOGAD, FN	CIS, TN	*Clinical and MRI phenotype not consistent with MOGAD:* Optic neuritis with low titer MOG-Abs, presence of OCBs, absence of clinical/radiological supportive features
3	MOGAD, FN	MOGAD, TP	*Clinical and MRI phenotype consistent with MOGAD:* Optic neuritis with low-titer MOG-Abs without supportive criteria, Brainstem symptoms after 3 weeks, fulfillment of supportive radiological features (ill-defined infratentorial lesion)
4	MOGAD, FN	Idiopathic myelitis, TN	*Clinical and MRI phenotype not consistent with MOGAD:* short myelitis with low titer MOG-Abs, presence of OCBs, absence of supportive radiological features
5	CIS, FP	CIS, TN	*Supportive features not satisfied at MRI revision*: Clinical symptoms of brainstem involvement, low titer MOG-Abs, supportive radiological features not satisfied after revision (well-defined infratentorial lesion)
6	MOGAD, FN	MS, TN	*Clinical and MRI phenotype not consistent with MOGAD*: Optic neuritis, brain MRI compatible with MS, presence of OCBs
7	Post-infective encephalitis, FP	MOGAD, TP	*Clinical and MRI phenotype consistent with MOGAD*: Encephalitis with low-

			titer MOG-Abs, presence of multiple and ill- defined lesions in supratentorial and infratentorial white matter with good clinical response to steroids
8	Encephalo-myelitis not MOG-Abs related, FP	MOGAD, TP	*Clinical and MRI phenotype consistent with MOGAD:* CSF only MOG-Abs positive encephalomyelitis with a longitudinally extensive myelitis with H sign
9	Optic neuritis not MOG-Abs related, FP	MOGAD, TP	*Clinical and MRI phenotype consistent with MOGAD:* Longitudinally extensive optic neuritis with perineural enhancement and high titer MOG-Abs
10	Encephalitis not MOG-Abs related, FP	Encephalitis not MOG-Abs related, TN	*Supportive features not satisfied at MRI revision:* absence of radiological supportive features (well-defined supratentorial lesion) in a patient with low-titer MOG-Abs
11	MOGAD, FN	CIS, TN	*Clinical and MRI phenotype not consistent with MOGAD*: Optic neuritis with MOG-Abs positivity at unknown titer, absence of supportive clinical/radiological feature, presence of OCBs
12	MOGAD, FN	MS, TN	*Clinical and MRI phenotype not consistent with MOGAD*: Optic neuritis with low-titer MOG-Abs, OCBs status unknown, brain MRI compatible with MS
13	MS, FP	MOGAD, TP	*Clinical and MRI phenotype consistent with MOGAD:* Longitudinally extensive myelitis involving conus medullaris with H sign in a patient with MOG-Abs positivity at unknown titer

14	MOGAD, FN	MS, TN	*Clinical and MRI phenotype not consistent with MOGAD:* Optic neuritis with MOG-Abs positivity at unknown titer, OCB status unknown, brain MRI compatible with MS
15	Optic neuritis not MOG-Abs related, FP	MOGAD, TP	*Clinical and MRI phenotype consistent with MOGAD:* Severe optic neuritis with high titer MOG-Abs, absence of OCBs, no lesions at brain MRI

MOGAD: myelin oligodendrocyte glycoprotein antibody-associated disease
TP: true positive
TN: true negative
FP: false positive
FN: false negative
MOG: myelin oligodendrocyte glycoprotein
OCBs: CSF restricted oligoclonal bands
MRI: magnetic resonance imaging