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Corrigendum: Combining Literature Review With a Ground Truth Approach for Diagnosing Huntington's Disease Phenocopy

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A Corrigendum on

Combining Literature Review With a Ground Truth Approach for Diagnosing Huntington's Disease Phenocopy

by Nguyen, Q. T. R., Ortigoza Escobar, J. D., Burgunder, J.-M., Mariotti, C., Saft, C., Hjermind, L. E., Youssov, K., Landwehrmeyer, G. B., and Bachoud-Lévi, A.-C. (2022). Front. Neurol. 13:817753. doi: 10.3389/fneur.2022.817753

In the original article, there was a mistake in **Figure 2** and **Figure 3** as published. The figures were swapped incorrectly.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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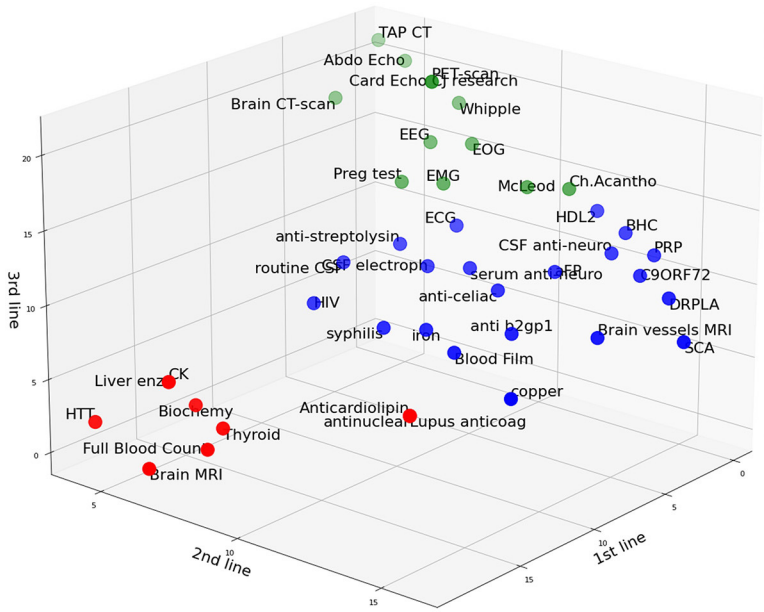

	Clustering algorithms			Absolute vote data			Literature		
	1rst line	2nd line	3rd line	1rst line	2nd line	3rd line	1rst line	2nd line	3rd line
Biochemy	100	0	0	16	6	3	4	0	0
Brain MRI	100	0	0	19	6	0	7	0	0
Creatine Kinase	100	0	0	16	5	4	1	0	0
Full Blood Count	100	0	0	17	7	1	5	0	0
HTT mutation	100	0	0	19	4	2	4	0	0
Liver enzymes	100	0	0	16	5	4	2	0	0
Thyroid metabol.	100	0	0	16	7	2	6	0	0
Anticardiolipin	68,75	31,25	0	11	11	3	2	1	0
antinuclear	68,75	31,25	0	11	11	3	3	1	1
Lupus anticoag	68,75	31,25	0	11	11	3	3	0	0
HIV	61,75	32	6,25	10	7	8	2	1	0
Blood Film	12,5	81,25	6,25	8	11	6	3	1	0
copper metabol.	12,5	81,25	6,25	8	13	4	2	0	1
iron metabolism	12,5	81,25	6,25	8	10	7	0	0	0
syphilis	12,5	81,25	6,25	9	9	7	1	0	0
anti b2gp1	6,25	87,5	6,25	6	12	7	0	0	0
Brain vessels MRI	6,25	87,5	6,25	4	14	7	0	0	0
routine CSF	6,25	87,5	6,25	8	7	10	1	0	0
alpha foetoprot.	0	93,75	6,25	3	12	10	0	0	0
anti-celiac	0	93,75	6,25	5	11	9	0	0	0
anti-streptolysin	0	93,75	6,25	6	8	11	2	1	1
BHC mutation	0	93,75	6,25	0	13	12	0	0	0
C9ORF72 mutation	0	93,75	6,25	1	14	10	0	1	0
CSF anti-neuro.	0	93,75	6,25	1	13	11	1	0	1
CSF electroph	0	93,75	6,25	6	9	10	1	0	0
DRPLA mutation	0	93,75	6,25	1	15	9	0	0	2
HDL2 mutation	0	93,75	6,25	0	12	13	0	1	2
PRP mutation	0	93,75	6,25	0	14	11	0	0	1
SCA mutation	0	93,75	6,25	2	16	7	0	2	0
serum anti-neuro.	0	93,75	6,25	5	10	10	0	0	1
ECG	0	87,5	12,5	4	9	12	0	0	0
Ch.Acanthocytosis	0	43,75	56,25	0	11	14	0	0	0
McLeod	0	43,75	56,25	1	10	14	0	0	0
EMG	0	37,5	62,5	3	8	14	0	0	0
Pregnancy test	0	37,5	62,5	4	7	14	2	0	0
EEG	0	31,25	68,75	2	7	16	0	0	1
EOG	0	31,25	68,75	1	8	16	0	0	0
Abdo. Echography	0	25	75	0	5	20	0	0	0
Brain CT-scan	0	25	75	3	4	18	0	0	0
Card. Echography	0	25	75	0	6	19	0	0	0
CJ research	0	25	75	0	6	19	0	0	0
PET-scan	0	25	75	0	6	19	0	0	0
TAP CT	0	25	75	0	4	21	0	0	0
Whipple research	0	25	75	0	7	18	0	0	0

FIGURE 2 | Classification of the paraclinical tests. 1st-line: red, 2nd-line: blue, 3rd-line: green. The results of the clustering algorithms are summed in the left columns (results in % of runs of the algorithms). Absolute numbers of votes are reported in the middle columns as "Absolute vote data." The majority vote (>50% of 25 votes) is highlighted in yellow. Literature results are summarized in the right columns. McLeod: exclusion of the McLeod Kell phenotype by a blood bank (weak Kell antigens and, if available, no reaction with anti-Kx). Ch.acanthocytosis: Western blot for chorein protein.

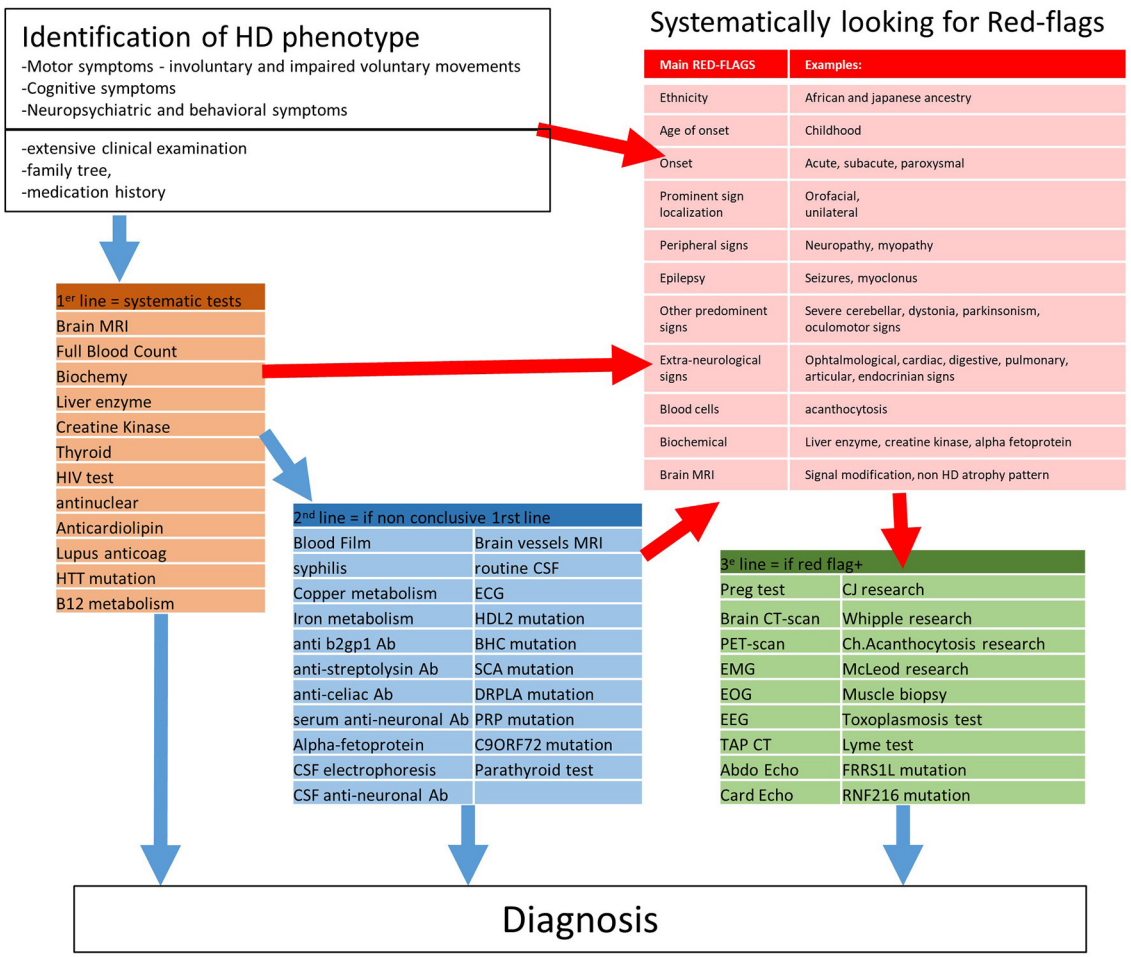

FIGURE 3 | Proposition of a strategy to diagnose HD phenocopy. Ab, Antibodies.