

Return of Organization Exempt From Income Tax

2024

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

Do not enter social security numbers on this form as it may be made public.

Go to www.irs.gov/Form990 for instructions and the latest information.

Open to Public Inspection

Department of the Treasury Internal Revenue Service

A For the 2024 calendar year, or tax year beginning, 2024, and ending, 20

B Check if applicable: Address change, Name change, Initial return, Final return/terminated, Amended return, Application pending. C Name of organization: Glut1 Deficiency Foundation, Inc. D Employer identification number: 45-2190535. E Telephone number: (859) 287-2928. G Gross receipts: \$ 514,707. H(a) Is this a group return for subordinates? Yes No. H(b) Are all subordinates included? Yes No. I Tax-exempt status: 501(c)(3). J Website: www.G1DFoundation.org. K Form of organization: Corporation. L Year of formation: 2011. M State of legal domicile: KY.

Part I Summary

Table with 3 columns: Description, Prior Year, Current Year. Rows include: 1 Briefly describe the organization's mission... 2 Check this box... 3 Number of voting members... 4 Number of independent voting members... 5 Total number of individuals employed... 6 Total number of volunteers... 7a Total unrelated business revenue... 7b Net unrelated business taxable income... 8 Contributions and grants... 9 Program service revenue... 10 Investment income... 11 Other revenue... 12 Total revenue... 13 Grants and similar amounts paid... 14 Benefits paid to or for members... 15 Salaries, other compensation... 16a Professional fundraising fees... 16b Total fundraising expenses... 17 Other expenses... 18 Total expenses... 19 Revenue less expenses... 20 Total assets... 21 Total liabilities... 22 Net assets or fund balances.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here: Signature of officer: Glenna Steele, Executive Director. Date: [Blank].

Paid Preparer Use Only: Preparer's name: John M Matras CPA. Preparer's signature: [Signature]. Date: 03-13-2025. Check self-employed: Yes. PTIN: P02432898. Firm's name: John M Matras CPA Incorporated. Firm's address: 1234 Forman Road, Jefferson OH 44047. Firm's EIN: [Blank]. Phone no.: 216-577-8071.

May the IRS discuss this return with the preparer shown above? See instructions. Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

1 Briefly describe the organization's mission:

The Glut1 Deficiency Foundation is a parent-led patient advocacy organization dedicated to bringing help and hope to the Glut1 Deficiency community through increased awareness, improved education, advocacy for patients and families, and support and funding for research.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No

If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No

If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses \$ **297,124** including grants of \$ **171,207**) (Revenue \$)
See SERVICES page for a description of this program service.

4b (Code:) (Expenses \$ **263,401** including grants of \$) (Revenue \$ **64,959**)

Education and Awareness: The Glut1 Deficiency Foundation has several outreach programs to help raise awareness and improve education among stakeholders in the community. We hosted our 11th community convening, the Glut1 Deficiency Summit, which brought together researchers, clinicians, and patients and families to meet, share, and learn in Dallas, Texas. We hosted education exhibits at 4 professional meetings to education healthcare professionals in a position to diagnose patients or improve care. We created new resources for our website, and informational packets were mailed to 125 newly diagnosed families. Monthly virtual meetings were held on Zoom for parents and caregivers both in English and Spanish, for tweens and teenage patients, and for adult patients. A private Facebook group was launched.

4c (Code:) (Expenses \$ **484** including grants of \$) (Revenue \$)
See SERVICES page for a description of this program service.

4d Other program services (Describe on Schedule O.)

(Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses **561,009**

Part IV Checklist of Required Schedules

Table with 3 columns: Question ID, Question Text, Yes, No. Rows include questions 1 through 21 regarding organizational requirements and schedules.

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question, Yes, No. Rows 22-38 detailing various organizational requirements and compliance checks.

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V []

Table with 3 columns: Question, Yes, No. Rows 1a-1c regarding Form 1096, Form W-2G, and backup withholding rules.

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)		Yes	No		
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return	2a	3		
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns?	2b		X	
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a			X
b	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation on Schedule O	3b			
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a			X
b	If "Yes," enter the name of the foreign country _____ See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).				
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a			X
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b			X
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c			
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	6a			X
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b			
7	Organizations that may receive deductible contributions under section 170(c).				
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a			X
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b			
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c			
d	If "Yes," indicate the number of Forms 8282 filed during the year	7d			
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e			X
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f			X
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g			X
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h			X
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?	8			X
9	Sponsoring organizations maintaining donor advised funds.				
a	Did the sponsoring organization make any taxable distributions under section 4966?	9a			X
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b			X
10	Section 501(c)(7) organizations. Enter:				
a	Initiation fees and capital contributions included on Part VIII, line 12	10a			
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b			
11	Section 501(c)(12) organizations. Enter:				
a	Gross income from members or shareholders	11a			
b	Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)	11b			
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a			
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b			
13	Section 501(c)(29) qualified nonprofit health insurance issuers.				
a	Is the organization licensed to issue qualified health plans in more than one state? Note: See the instructions for additional information the organization must report on Schedule O.	13a			
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	13b			
c	Enter the amount of reserves on hand	13c			
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a			X
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation on Schedule O	14b			
15	Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see the instructions and file Form 4720, Schedule N.	15			X
16	Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O.	16			X
17	Section 501(c)(21) organizations. Did the trust, or any disqualified or other person, engage in any activities that would result in the imposition of an excise tax under section 4951, 4952, or 4953? If "Yes," complete Form 6069.	17			

Part VI Governance, Management, and Disclosure. For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes on Schedule O. See instructions. Check if Schedule O contains a response or note to any line in this Part VI [X]

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year; 1b Enter the number of voting members included on line 1a, above, who are independent; 2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?; 3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, trustees, or key employees to a management company or other person?; 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?; 5 Did the organization become aware during the year of a significant diversion of the organization's assets?; 6 Did the organization have members or stockholders?; 7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?; 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?; 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: a The governing body? b Each committee with authority to act on behalf of the governing body?; 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses on Schedule O.

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates?; 10b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?; 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?; 11b Describe on Schedule O the process, if any, used by the organization to review this Form 990.; 12a Did the organization have a written conflict of interest policy? If "No," go to line 13; 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?; 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe on Schedule O how this was done; 13 Did the organization have a written whistleblower policy?; 14 Did the organization have a written document retention and destruction policy?; 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?; 15a The organization's CEO, Executive Director, or top management official; 15b Other officers or key employees of the organization; 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?; 16b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?

Section C. Disclosure

Table with 2 columns: Question, Answer. Rows include: 17 List the states with which a copy of this Form 990 is required to be filed (Indiana); 18 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. [X] Own website; 19 Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.; 20 State the name, address, and telephone number of the person who possesses the organization's books and records. (Glenna Steele (859)287-2928, PO Box 737, Owingsville, KY 40360)

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See the instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (box 5 of Form W-2, box 6 of Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

See the instructions for the order in which to list the persons above.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC/1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) <u>Glenna Steele</u> Executive Director	40.00			X	X			50,192	0	0
(2) <u>Sandra Ojeda</u> Science Director	40.00				X			49,077	0	0
(3) <u>Maria Rebbecchi</u> President	5.00	X						0	0	0
(4) <u>Kelly Jones</u> Vice President	2.00	X						0	0	0
(5) <u>Rob Rapaport</u> Secretary	5.00	X						0	0	0
(6) <u>Debbie Stoddard</u> Treasurer	3.00	X						0	0	0
(7) <u>Erin Meisner</u> Director	3.00	X						0	0	0
(8) <u>April Breen</u> Director	3.00	X						0	0	0
(9) <u>Leigh Hopkins</u> Director	3.00	X						0	0	0
(10) _____										
(11) _____										
(12) _____										
(13) _____										
(14) _____										

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/ 1099-MISC/ 1099-NEC)	(E) Reportable compensation from related organizations (W-2/ 1099-MISC/ 1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(15) -----										
(16) -----										
(17) -----										
(18) -----										
(19) -----										
(20) -----										
(21) -----										
(22) -----										
(23) -----										
(24) -----										
(25) -----										
1b Subtotal										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)							99,269	0	0	

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **0**

	Yes	No
3 Did the organization list any former officer, director, trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>		X
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns					
	1b	Membership dues					
	1c	Fundraising events					
	1d	Related organizations					
	1e	Government grants (contributions)					
	1f	All other contributions, gifts, grants, and similar amounts not included above	443,122				
	1g	Noncash contributions included in lines 1a-1f	\$				
	h	Total. Add lines 1a-1f		443,122			
Program Service Revenue			Business Code				
	2a	Conference/Meeting	812900	62,391	62,391		
	b	Awareness Merchandise	459900	2,568	2,568		
	c						
	d						
	e						
	f	All other program service revenue					
g	Total. Add lines 2a-2f		64,959				
Other Revenue	3	Investment income (including dividends, interest, and other similar amounts)		6,126	6,126		
	4	Income from investment of tax-exempt bond proceeds					
	5	Royalties					
	6a	Gross rents	(i) Real				
			(ii) Personal				
	b	Less: rental expenses					
	c	Rental income or (loss)					
	d	Net rental income or (loss)					
	7a	Gross amount from sales of assets other than inventory	(i) Securities				
			(ii) Other				
	b	Less: cost or other basis and sales expenses					
	c	Gain or (loss)					
	d	Net gain or (loss)					
8a	Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18						
8b	Less: direct expenses						
c	Net income or (loss) from fundraising events						
9a	Gross income from gaming activities. See Part IV, line 19						
9b	Less: direct expenses						
c	Net income or (loss) from gaming activities						
10a	Gross sales of inventory, less returns and allowances						
10b	Less: cost of goods sold						
c	Net income or (loss) from sales of inventory						
Miscellaneous Revenue			Business Code				
	11a	Credit Card Bonus	561499	500	500		
	b						
	c						
	d	All other revenue					
e	Total. Add lines 11a-11d		500				
12	Total revenue. See instructions		514,707	71,585	0	0	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21 . . .	153,097	153,097		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	18,110	18,110		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	107,066	92,765	10,291	4,010
6 Compensation not included above to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages				
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions) . . .				
9 Other employee benefits				
10 Payroll taxes	8,965	7,096	1,562	307
11 Fees for services (nonemployees):				
a Management				
b Legal				
c Accounting	8,902		8,902	
d Lobbying				
e Professional fundraising services. See Part IV, line 17 . .				
f Investment management fees				
g Other. (If line 11g amount exceeds 10% of line 25, column (A), amount, list line 11g expenses on Schedule O.) . .	1,400			1,400
12 Advertising and promotion				
13 Office expenses	2,808		2,808	
14 Information technology				
15 Royalties				
16 Occupancy				
17 Travel				
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings				
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization				
23 Insurance	1,928		1,928	
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses on line 24e. If line 24e amount exceeds 10% of line 25, column (A), amount, list line 24e expenses on Schedule O.)				
a PCORI Program Expenses	38,088	38,088		
b Glut1 Deficiency Summit	199,424	199,424		
c Research Support	34,572	34,572		
d Educational Outreach	15,856	15,856		
e All other expenses	18,762	2,001	4,247	12,514
25 Total functional expenses. Add lines 1 through 24e . .	608,978	561,009	29,738	18,231
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

		(A)		(B)
		Beginning of year		End of year
Assets	1 Cash - non-interest-bearing	448,811	1	347,383
	2 Savings and temporary cash investments		2	
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net	2,040	4	2,513
	5 Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		5	
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges	15,176	9	15,930
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a		
	b Less: accumulated depreciation	10b	10c	
	11 Investments - publicly traded securities		11	
	12 Investments - other securities. See Part IV, line 11		12	
	13 Investments - program-related. See Part IV, line 11		13	
	14 Intangible assets		14	
	15 Other assets. See Part IV, line 11		15	
16 Total assets. Add lines 1 through 15 (must equal line 33)	466,027	16	365,826	
Liabilities	17 Accounts payable and accrued expenses	8,553	17	7,918
	18 Grants payable		18	
	19 Deferred revenue	36,355	19	31,060
	20 Tax-exempt bond liabilities		20	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D		21	
	22 Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		22	
	23 Secured mortgages and notes payable to unrelated third parties		23	
	24 Unsecured notes and loans payable to unrelated third parties		24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D		25	
	26 Total liabilities. Add lines 17 through 25	44,908	26	38,978
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	421,119	27	326,848
	28 Net assets with donor restrictions		28	
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building, or equipment fund		30	
	31 Retained earnings, endowment, accumulated income, or other funds		31	
32 Total net assets or fund balances	421,119	32	326,848	
33 Total liabilities and net assets/fund balances	466,027	33	365,826	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	514,707
2	Total expenses (must equal Part IX, column (A), line 25)	2	608,978
3	Revenue less expenses. Subtract line 2 from line 1	3	(94,271)
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	421,119
5	Net unrealized gains (losses) on investments	5	
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain on Schedule O)	9	0
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	326,848

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

		Yes	No
1	Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain on Schedule O.		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both. <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		X
b	Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both. <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	X	
c	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain on Schedule O.	X	
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Uniform Guidance, 2 C.F.R. Part 200, Subpart F?		X
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why on Schedule O and describe any steps taken to undergo such audits		

**SCHEDULE A
(Form 990)**

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

Attach to Form 990 or Form 990-EZ.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2024

**Open to Public
Inspection**

Name of the organization Glut1 Deficiency Foundation, Inc.	Employer identification number 45-2190535
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Part I Reason for Public Charity Status. (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
- 2 A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E (Form 990).)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state: _____
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II.)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 8 A community trust described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 9 An agricultural research organization described in **section 170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture (see instructions). Enter the name, city, and state of the college or university: _____
- 10 An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions, subject to certain exceptions; and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2).** (Complete Part III.)
- 11 An organization organized and operated exclusively to test for public safety. See **section 509(a)(4).**
- 12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2).** See **section 509(a)(3).** Check the box on lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.
 - a **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
 - b **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
 - c **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
 - d **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization must generally satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
 - e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
- f Enter the number of supported organizations
- g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1-10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
(A)						
(B)						
(C)						
(D)						
(E)						
Total						

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Table with 7 columns: (a) 2020, (b) 2021, (c) 2022, (d) 2023, (e) 2024, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Tax revenues levied for the organization's benefit; 3 The value of services or facilities furnished by a governmental unit; 4 Total. Add lines 1 through 3; 5 The portion of total contributions by each person; 6 Public support. Subtract line 5 from line 4.

Section B. Total Support

Table with 7 columns: (a) 2020, (b) 2021, (c) 2022, (d) 2023, (e) 2024, (f) Total. Rows include: 7 Amounts from line 4; 8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources; 9 Net income from unrelated business activities; 10 Other income. Do not include gain or loss from the sale of capital assets; 11 Total support. Add lines 7 through 10; 12 Gross receipts from related activities, etc.; 13 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here.

Section C. Computation of Public Support Percentage

Table with 3 columns: Line number, Description, and Percentage. Rows include: 14 Public support percentage for 2024; 15 Public support percentage from 2023 Schedule A, Part II, line 14; 16a 33 1/3% support test - 2024; b 33 1/3% support test - 2023; 17a 10%-facts-and-circumstances test - 2024; b 10%-facts-and-circumstances test - 2023; 18 Private foundation.

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Table with 7 columns: (a) 2020, (b) 2021, (c) 2022, (d) 2023, (e) 2024, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Gross receipts from admissions, merchandise sold or services performed; 3 Gross receipts from activities that are not an unrelated trade or business; 4 Tax revenues levied for the organization's benefit; 5 The value of services or facilities furnished by a governmental unit; 6 Total. Add lines 1 through 5; 7a Amounts included on lines 1, 2, and 3 received from disqualified persons; 7b Amounts included on lines 2 and 3 received from other than disqualified persons; 7c Add lines 7a and 7b; 8 Public support. (Subtract line 7c from line 6.)

Section B. Total Support

Table with 7 columns: (a) 2020, (b) 2021, (c) 2022, (d) 2023, (e) 2024, (f) Total. Rows include: 9 Amounts from line 6; 10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources; 10b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975; 10c Add lines 10a and 10b; 11 Net income from unrelated business activities not included on line 10b; 12 Other income. Do not include gain or loss from the sale of capital assets; 13 Total support. (Add lines 9, 10c, 11, and 12.); 14 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here.

Section C. Computation of Public Support Percentage

Table with 2 columns: Description, Percentage. Row 15: Public support percentage for 2024 (line 8, column (f), divided by line 13, column (f)) 15%. Row 16: Public support percentage from 2023 Schedule A, Part III, line 15 16%.

Section D. Computation of Investment Income Percentage

Table with 2 columns: Description, Percentage. Row 17: Investment income percentage for 2024 (line 10c, column (f), divided by line 13, column (f)) 17%. Row 18: Investment income percentage from 2023 Schedule A, Part III, line 17 18%.

19a 33 1/3% support tests - 2024. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization.

b 33 1/3% support tests - 2023. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization.

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions.

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked box 12a, Part I, complete Sections A and B. If you checked box 12b, Part I, complete Sections A and C. If you checked box 12c, Part I, complete Sections A, D, and E. If you checked box 12d, Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer lines 3b and 3c below.</i>		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked 12a or 12b in Part I, answer lines 4b and 4c below.</i>		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described on line 7? <i>If "Yes," complete Part I of Schedule L (Form 990).</i>		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? <i>If "Yes," provide detail in Part VI.</i>		
b Did one or more disqualified persons (as defined on line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
c Did a disqualified person (as defined on line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer line 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

Part IV Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described on lines 11b and 11c below, the governing body of a supported organization?		
b A family member of a person described on line 11a above?		
c A 35% controlled entity of a person described on line 11a or 11b above? <i>If "Yes" to line 11a, 11b, or 11c, provide detail in Part VI.</i>		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the governing body, members of the governing body, officers acting in their official capacity, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's officers, directors, or trustees at all times during the tax year? <i>If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove officers, directors, or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.</i>		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.</i>		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? <i>If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).</i>		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
3 By reason of the relationship described on line 2, above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		

Section E. Type III Functionally Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions).		
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a governmental entity (see instructions).		
2 Activities Test. Answer lines 2a and 2b below.		
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>	Yes	No
b Did the activities described on line 2a, above, constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		
3 Parent of Supported Organizations. Answer lines 3a and 3b below.		
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>If "Yes" or "No," provide details in Part VI.</i>		
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in **Part VI**). See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3.	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6, and 7 from line 4)	8	

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):		
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI):		
2	Acquisition indebtedness applicable to non-exempt-use assets	2	
3	Subtract line 2 from line 1d.	3	
4	Cash deemed held for exempt use. Enter 0.015 of line 3 (for greater amount, see instructions).	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by 0.035.	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, column A)	1	
2	Enter 0.85 of line 1.	2	
3	Minimum asset amount for prior year (from Section B, line 8, column A)	3	
4	Enter greater of line 2 or line 3.	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions).	6	
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions		Current Year
1	Amounts paid to supported organizations to accomplish exempt purposes	1
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2
3	Administrative expenses paid to accomplish exempt purposes of supported organizations	3
4	Amounts paid to acquire exempt-use assets	4
5	Qualified set-aside amounts (prior IRS approval required - provide details in Part VI)	5
6	Other distributions (describe in Part VI). See instructions.	6
7	Total annual distributions. Add lines 1 through 6.	7
8	Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions.	8
9	Distributable amount for 2024 from Section C, line 6	9
10	Line 8 amount divided by line 9 amount	10

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2024	(iii) Distributable Amount for 2024
1	Distributable amount for 2024 from Section C, line 6		
2	Underdistributions, if any, for years prior to 2024 (reasonable cause required - explain in Part VI). See instructions.		
3	Excess distributions carryover, if any, to 2024		
a	From 2019		
b	From 2020		
c	From 2021		
d	From 2022		
e	From 2023		
f	Total of lines 3a through 3e		
g	Applied to underdistributions of prior years		
h	Applied to 2024 distributable amount		
i	Carryover from 2019 not applied (see instructions)		
j	Remainder. Subtract lines 3g, 3h, and 3i from line 3f.		
4	Distributions for 2024 from Section D, line 7: \$		
a	Applied to underdistributions of prior years		
b	Applied to 2024 distributable amount		
c	Remainder. Subtract lines 4a and 4b from line 4.		
5	Remaining underdistributions for years prior to 2024, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, explain in Part VI. See instructions.		
6	Remaining underdistributions for 2024. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI. See instructions.		
7	Excess distributions carryover to 2025. Add lines 3j and 4c.		
8	Breakdown of line 7:		
a	Excess from 2020		
b	Excess from 2021		
c	Excess from 2022		
d	Excess from 2023		
e	Excess from 2024		

SCHEDULE D (Form 990)

(Rev. December 2024)

Department of the Treasury Internal Revenue Service

Supplemental Financial Statements

Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.

Attach to Form 990.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

Open to Public Inspection

Name of the organization: Glut1 Deficiency Foundation, Inc. Employer identification number: 45-2190535

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts

Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

Table with 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows 1-4 for totals, 5-6 for Yes/No questions.

Part II Conservation Easements

Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

Form with multiple rows for questions 1-9 regarding conservation easements, including checkboxes and a table for lines 2a-2d.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

Form with rows 1a-1b and 2a-2b for questions regarding collections of art and historical treasures.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

- 3** Using the organization's acquisition, accession, and other records, check any of the following that make significant use of its collection items (check all that apply).
- a** Public exhibition
 - b** Scholarly research
 - c** Preservation for future generations
 - d** Loan or exchange program
 - e** Other _____
- 4** Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.
- 5** During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a** Is the organization an agent, trustee, custodian, or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No
- b** If "Yes," explain the arrangement in Part XIII and complete the following table.
- | | Amount |
|--|-----------|
| c Beginning balance | 1c |
| d Additions during the year | 1d |
| e Distributions during the year | 1e |
| f Ending balance | 1f |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No
- b** If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

Part V Endowment Funds

Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

- | | (a) Current year | (b) Prior year | (c) Two years back | (d) Three years back | (e) Four years back |
|---|------------------|----------------|--------------------|----------------------|---------------------|
| 1a Beginning of year balance | | | | | |
| b Contributions | | | | | |
| c Net investment earnings, gains, and losses | | | | | |
| d Grants or scholarships | | | | | |
| e Other expenditures for facilities and programs | | | | | |
| f Administrative expenses | | | | | |
| g End of year balance | | | | | |
- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a** Board designated or quasi-endowment _____ %
 - b** Permanent endowment _____ %
 - c** Term endowment _____ %
- The percentages on lines 2a, 2b, and 2c should equal 100%.
- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- | | Yes | No |
|---|---------------|----|
| (i) Unrelated organizations? | 3a(i) | |
| (ii) Related organizations? | 3a(ii) | |
| b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4** Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment				
e Other				

Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, line 10c, column (B))

Part VII Investments - Other Securities

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely held equity interests		
(3) Other _____		
(A) _____		
(B) _____		
(C) _____		
(D) _____		
(E) _____		
(F) _____		
(G) _____		
(H) _____		
Total. (Column (b) must equal Form 990, Part X, line 12, col. (B))		

Part VIII Investments - Program Related

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) _____		
(2) _____		
(3) _____		
(4) _____		
(5) _____		
(6) _____		
(7) _____		
(8) _____		
(9) _____		
Total. (Column (b) must equal Form 990, Part X, line 13, col. (B))		

Part IX Other Assets

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) _____	
(2) _____	
(3) _____	
(4) _____	
(5) _____	
(6) _____	
(7) _____	
(8) _____	
(9) _____	
Total. (Column (b) must equal Form 990, Part X, line 15, col. (B))	

Part X Other Liabilities

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value	
(1) Federal income taxes		
(2) _____		
(3) _____		
(4) _____		
(5) _____		
(6) _____		
(7) _____		
(8) _____		
(9) _____		
Total. (Column (b) must equal Form 990, Part X, line 25, col. (B))		

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FASB ASC 740. Check here if the text of the footnote has been provided in Part XIII

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1	514,707
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a	Net unrealized gains (losses) on investments	2a		
b	Donated services and use of facilities	2b		
c	Recoveries of prior year grants	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	514,707
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)		5	514,707

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1	608,978
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:			
a	Donated services and use of facilities	2a		
b	Prior year adjustments	2b		
c	Other losses	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	608,978
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)		5	608,978

Part XIII Supplemental Information

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

01. Part X, Line 2-Text in footnote regarding FIN 48 (ASC 740)

The accounting standards condification (ASC) 740-10-50, accounting for uncertainty in income taxes, requires entities to disclose unknown or anticipated positions of income tax uncertainty. The Glut1 Deficiency Foundation is not aware of any uncertain income tax positions as of March 3, 2025. The Glut1 Deficiency Foundation has never been audited by the Internal Revenue Service (IRS). However, the tax years of 2021 forward could be subject to examination by the IRS or other applicable tax jurisdictions.

**SCHEDULE F
(Form 990)**

(Rev. December 2024)

Department of the Treasury
Internal Revenue Service

Name of the organization

Statement of Activities Outside the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

Attach to Form 990.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

**Open to Public
Inspection**

Employer identification number

Glut1 Deficiency Foundation, Inc.

45-2190535

Part I **General Information Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No

2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.

3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
East Asia and the (1) Pacific			Program services	Research grant	50,000
(2) South America			Program services	Research grant	2,487
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3a Subtotal					52,487
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)					52,487

Part II Grants and Other Assistance to Organizations or Entities Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)									
(2)									
(3)									
(4)									
(5)									
(6)									
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as a tax exempt 501(c)(3) organization by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter

3 Enter total number of other organizations or entities

Part III Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
 Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

Part IV Foreign Forms

- 1 Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see the Instructions for Form 926)* Yes No

- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see the Instructions for Forms 3520 and 3520-A; don't file with Form 990)* Yes No

- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect to Certain Foreign Corporations (see the Instructions for Form 5471)* Yes No

- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see the Instructions for Form 8621)* Yes No

- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect to Certain Foreign Partnerships (see the Instructions for Form 8865)* Yes No

- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see the instructions for Form 5713; don't file with Form 990)* Yes No

**SCHEDULE I
(Form 990)**

(Rev. December 2024)
Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**
Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.
Attach to Form 990.

OMB No. 1545-0047

**Open to Public
Inspection**

Go to www.irs.gov/Form990 for instructions and the latest information.

Name of the organization

Glut1 Deficiency Foundation, Inc.

Employer identification number

45-2190535

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States. Yes No

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1	(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1)	University of Pennsylvania 2020 Walnut Street Suite 300 Philadelphia, PA 19104	23-1352685		14,610				research grant
(2)	University of Texas Southwestern 5323 Harry Hines Blvd. Dallas, TX 75390	74-6000089		86,000				research grant
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table

3 Enter total number of other organizations listed in the line 1 table

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22. Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
1 Participant and Travel Stipends	51				
2					
3					
4					
5					
6					
7					

Part IV Supplemental Information. Provide the information required in Part I, line 2; Part III, column (b); and any other additional information.

01. Monitoring procedures (Part I, line 2)

The Glut1 Deficiency Foundation provides grants to institutional researchers who are conducting scientific research for better understanding and better treatments of Glut1 Deficiency. Grants are awarded by the board of directors with input from our medical and scientific advisory team. Grant reports are due through the grant period, including written reports, presentations at foundation-sponsored meetings, and virtual meetings to share updates. Final reports are due at the end of the grant period with the expectation to publicly share the work in a relevant scientific publication. Progress is monitored by the board of directors, the science director, and the executive director.

02. Estimate calculation (Part III, column b)

The Glut1 Deficiency Foundation awarded participant and travel stipends for research fundamentals training and gatherings as part of the PCORI (Patient Centered Outcomes Research) Eugene Washington Award to build a strong, patient-focused research

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22.
 Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
1					
2					
3					
4					
5					
6					
7					

Part IV Supplemental Information. Provide the information required in Part I, line 2; Part III, column (b); and any other additional information.

foundation. 51 participants received either \$100 participation stipends, \$400 travel stipends, or both.

**SCHEDULE L
(Form 990)**

(Rev. December 2024)

Department of the Treasury
Internal Revenue Service

Transactions With Interested Persons

Complete if the organization answered "Yes" on Form 990, Part IV, line 25a, 25b, 26, 27, 28a, 28b, or 28c; or Form 990-EZ, Part V, line 38a or 40b.

Attach to Form 990 or Form 990-EZ.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

**Open to Public
Inspection**

Name of the organization **Glut1 Deficiency Foundation, Inc.** Employer identification number **45-2190535**

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and section 501(c)(29) organizations only)
Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b; or Form 990-EZ, Part V, line 40b.

1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?	
				Yes	No
(1)					
(2)					
(3)					

2 Enter the amount of tax incurred by the organization managers or disqualified persons during the year under section 4958 \$ _____

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization \$ _____

Part II Loans to and/or From Interested Persons
Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a, or Form 990, Part IV, line 26; or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22.

	(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan		(d) Loan to or from the organization?	(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
			To	From				Yes	No	Yes	No	Yes	No
(1)													
(2)													
(3)													
(4)													
(5)													
Total							\$						

Part III Grants or Assistance Benefiting Interested Persons
Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance
(1) Debbie Stoddard	Board Member	500	Participation and Travel Stipend	Attendance of in-person trainings
(2) April Breen	Board Member	500	Participation and Travel Stipend	Attendance of in-person trainings
(3) Maria Rebbecchi	Board Member	100	Participation Stipend	Participation in virtual session
(4) Erin Meisner	Board Member	100	Participation Stipend	Participation in virtual session
(5)				

For Paperwork Reduction Act Notice, see the instructions for Form 990 or 990-EZ. Schedule L (Form 990) (Rev. 12-2024)

Part IV Business Transactions Involving Interested Persons

Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
(1)					
(2)					
(3)					
(4)					
(5)					

Part V Supplemental Information

Provide additional information for responses to questions on Schedule L. See instructions.

01. Supplemental Information for Schedule L

The Glut1 Deficiency Foundation awarded participant and travel stipends for research fundamentals training and gatherings as part of the PCORI (Patient Centered Outcomes Research) Eugene Washington Award to build a strong, patient-focused research foundation. PCORI encourages compensation for patients and families in the research process, so these stipends were part of the grant budget. 51 recipients received either \$100 participation stipends, \$400 travel stipends, or both. Two board members (Debbie Stoddard, April Breen) attended in-person trainings and received both a travel and participation stipend for \$500 total, and two board members (Maria Rebbecchi and Erin Meisner) received a participation stipend for a virtual session participation at \$100 each.

**SCHEDULE O
(Form 990)**

(Rev. December 2024)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

Attach to Form 990 or Form 990-EZ.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

**Open to Public
Inspection**

Name of the organization

Glut1 Deficiency Foundation, Inc.

Employer identification number

45-2190535

01. Form 990 governing body review (Part VI, line 11)

All board members are emailed a copy of the completed 990 and given the opportunity to review and ask questions before filing.

02. Conflict of interest policy compliance (Part VI, line 12c)

The conflict of interest policy is reviewed annually, discussed at annual board meetings and board members sign a disclosure statement each year. There are ongoing discussions about potential conflicts, and board members have the opportunity to recuse themselves from any issues or decisions where a conflict may exist. Other board members may raise conflict concerns and outcomes are decided by the board.

03. CEO, executive director, top management comp (Part VI, line 15a)

Compensation for Executive Director was first determined by a board committee who researched comparability data, created a job description, and instituted an annual review process, then the board voted and approved. Annual reviews take place now for the Executive Director and feedback is shared on performance, and compensation is reviewed and discussed by the board.

04. Other officer or key employee compensation (Part VI, line 15b)

Compensation for Other Officers and Key Employees was first determined by a board committee who researched comparability data, created a job description, and instituted an annual review process, then the board voted and approved. Annual reviews take place now for Other Officers and Key Employees and feedback is shared on performance, and compensation is reviewed and discussed by the board.

05. Governing documents, etc, available to public (Part VI, line 19)

Governing documents, conflict of interest policy, tax returns, and financial information are available to the public on our website and upon request.

06. Not undergone required audits or steps for audit (part XII, line 3b)

Process has not changed from the prior year.

**IRS E-file Signature Authorization
for a Tax Exempt Entity**

For calendar year 2024, or fiscal year beginning _____, 2024, and ending _____, 20

Department of the Treasury
Internal Revenue Service

Do not send to the IRS. Keep for your records.
Go to www.irs.gov/Form8879TE for the latest information.

2024

Name of filer

EIN or SSN

Glut1 Deficiency Foundation, Inc.

45-2190535

Name and title of officer or person subject to tax

Glenna Steele, Executive Director

Part I Type of Return and Return Information

Check the box for the return for which you are using this Form 8879-TE and enter the applicable amount, if any, from the return. Form 8038-CP and Form 5330 filers may enter dollars and cents. For all other forms, enter whole dollars only. If you check the box on line 1a, 2a, 3a, 4a, 5a, 6a, 7a, 8a, 9a, or 10a below, and the amount on that line for the return being filed with this form was blank, then leave line 1b, 2b, 3b, 4b, 5b, 6b, 7b, 8b, 9b, or 10b, whichever is applicable, blank (do not enter -0-). But, if you entered -0- on the return, then enter -0- on the applicable line below. **Do not** complete more than one line in Part I.

1a Form 990 check here <input checked="" type="checkbox"/>	b Total revenue, if any (Form 990, Part VIII, column (A), line 12)	1b <u>514,707</u>
2a Form 990-EZ check here <input type="checkbox"/>	b Total revenue, if any (Form 990-EZ, line 9)	2b _____
3a Form 1120-POL check here <input type="checkbox"/>	b Total tax (Form 1120-POL, line 22)	3b _____
4a Form 990-PF check here <input type="checkbox"/>	b Tax based on investment income (Form 990-PF, Part V, line 5)	4b _____
5a Form 8868 check here <input type="checkbox"/>	b Balance due (Form 8868, line 3c)	5b _____
6a Form 990-T check here <input type="checkbox"/>	b Total tax (Form 990-T, Part III, line 4)	6b _____
7a Form 4720 check here <input type="checkbox"/>	b Total tax (Form 4720, Part III, line 1)	7b _____
8a Form 5227 check here <input type="checkbox"/>	b FMV of assets at end of tax year (Form 5227, Item D)	8b _____
9a Form 5330 check here <input type="checkbox"/>	b Tax due (Form 5330, Part II, line 19)	9b _____
10a Form 8038-CP check here <input type="checkbox"/>	b Amount of credit payment requested (Form 8038-CP, Part III, line 22)	10b _____

Part II Declaration and Signature Authorization of Officer or Person Subject to Tax

Under penalties of perjury, I declare that I am an officer of the above entity or I am a person subject to tax with respect to (name of entity) _____, (EIN) _____ and that I have examined a copy of the

2024 electronic return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the return to the IRS and to receive from the IRS (a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any delay in processing the return or refund, and (c) the date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment. I have selected a personal identification number (PIN) as my signature for the electronic return and, if applicable, the consent to electronic funds withdrawal.

PIN: check one box only

I authorize John M Matras CPA Incorpora to enter my PIN 02168 as my signature
ERO firm name Enter five numbers, but do not enter all zeros

on the tax year 2024 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I also authorize the aforementioned ERO to enter my PIN on the return's disclosure consent screen.

As an officer or person subject to tax with respect to the entity, I will enter my PIN as my signature on the tax year 2024 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I will enter my PIN on the return's disclosure consent screen.

Signature of officer or person subject to tax

Glenna Steele

Date 03-09-2025

3/13/2025

Part III Certification and Authentication

ERO's EFIN/PIN. Enter your six-digit electronic filing identification number (EFIN) followed by your five-digit self-selected PIN.

346916 34544

Do not enter all zeros

I certify that the above numeric entry is my PIN, which is my signature on the 2024 electronically filed return indicated above. I confirm that I am submitting this return in accordance with the requirements of Pub. 4163, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns.

3/13/2025

ERO's signature

John M Matras

Date 03-13-2025

**ERO Must Retain This Form - See Instructions
Do Not Submit This Form to the IRS Unless Requested To Do So**

Statement of Program Service Accomplishments

2024 PG01

Name(s) as shown on return

Your Social Security Number

Glut1 Deficiency Foundation, Inc.

45-2190535

Form 990-Part III(a)
Statement of Service Accomplishment

Statement #4

Program Service Code	
Program Service Expenses	\$297124
Grants and allocations included in above expense	\$171207
Program Services Revenue	\$0

Explanation

Support and Funding for Research: The Glut1 Deficiency Foundation supports research to lead to better understanding and better treatments for Glut1 Deficiency. Research project seed grants are distributed to scientists who have projects that align with the needs and priorities identified through collaborative stakeholder processes in development of our strategic research plan (Research Compass). In 2024, the Glut1 Deficiency Foundation funded four projects at four institutions for a total of \$153,097. Additional research funds were invested in efforts to develop and provide open source research tools, attend scientific meetings, host scientific meetings and roundtables, support research activities at the Glut1 Deficiency Summit, host regional research fundamentals trainings, collect, process, and store patient biosamples for research projects, collect patient reported data through a natural history study to capture lifelong patient experiences, and continue to support efforts to build a collaborative research network. Quarterly research roundtables were held virtually to share new progress and foster collaborations.

Statement of Program Service Accomplishments

2024 PG01

Name(s) as shown on return

Your Social Security Number

Glut1 Deficiency Foundation, Inc.

45-2190535

Form 990-Part III(b)
Statement of Service Accomplishment

Statement #4

Program Service Code	
Program Service Expenses	\$484
Grants and allocations included in above expense	\$0
Program Services Revenue	\$0

Explanation

Advocacy and Support: The Glut1 Deficiency Foundation partners with other rare disease patient advocacy organizations to provide a representative voice for patients and families in public discussion and policy issues. The G1DF advocates for patients and families across school, healthcare, and disability programs to make sure the challenges of the disease are understood and that patient rights are being protected. Advocacy efforts for 2024 included multiple individualized support letters for school, insurance, and other related services for patients and the launch of support programs to provide individualized consultations to assist with ketogenic diet implementation and behavior/social support. Memberships in the National Organization of Rare Disorders (NORD), the Rare Epilepsy Network, CZI Rare As One, and COMBINEDBrain helped advance advocacy efforts and provide opportunities for training and sign on support for initiatives important to the Glut1 Deficiency and rare disease community.

**Form 990
Worksheet**

Schedule A, Line 5 - Excess 2% Limitation Contributors

(This page is not filed with the return. It is for your records only.)

2024

Name(s) as shown on return

Tax ID Number

Glut1 Deficiency Foundation, Inc.

45-2190535

2% of the amount on Schedule A, Part II, line 11, column (f) **46,250**

Name	(a) 2020	(b) 2021	(c) 2022	(d) 2023	(e) 2024	(f) Total	(g) Excess contributions (col. (f) minus the 2% limitation)
Kevin Broas					5,000	5,000	
Brian and Jodie Gleason					25,000	25,000	
Kenneth Bourque					5,000	5,000	
Robert McClendon					7,500	7,500	
Tom and Melissa Molitor					5,000	5,000	
Scott Rinesmith and Kelly Schroeder					10,000	10,000	
Lori Arnold					6,000	6,000	
Leroy and Helge Lamb					9,000	9,000	
James Sullivan					10,000	10,000	
Rob and Paula Rapaport					30,000	30,000	
Charles and Joan Berger					5,000	5,000	
April Breen					13,620	13,620	
Glenn Gnrirrep					5,000	5,000	
Walter and Erin Meisner					9,000	9,000	
John Brusco					5,000	5,000	
Cambrooke Therapeutics					5,000	5,000	
Greg and Debbie Stoddard					6,000	6,000	
Diane Brunst					5,000	5,000	

Total

=====



CERTIFIED PUBLIC ACCOUNTANT

March 13, 2025

Glut1 Deficiency Foundation, Inc.
PO Box 737
Owingsville, KY 40360

Subject: Preparation of 2024 Tax Returns

Glut1 Deficiency Foundation, Inc.:

Thank you for choosing John M Matras CPA Incorporated to assist with the 2024 taxes for Glut1 Deficiency Foundation, Inc.. This letter confirms the terms of the engagement and outlines the nature and extent of the services we will provide.

We will prepare the 2024 federal and state income tax returns for Glut1 Deficiency Foundation, Inc.. We will depend on management to provide the information we need to prepare complete and accurate returns. We may ask management to clarify some items but will not audit or otherwise verify the data submitted.

We will perform accounting services only as needed to prepare the tax returns. Our work will not include procedures to find defalcations or other irregularities. Accordingly, our engagement should not be relied upon to disclose errors, fraud, or other illegal acts, though it may be necessary for management to clarify some of the information submitted. We will inform management of any material errors, fraud, or other illegal acts we discover.

The law imposes penalties when taxpayers underestimate their tax liability. Call us if there are any concerns about such penalties.

Should we encounter instances of unclear tax law, or of potential conflicts in the interpretation of the law, we will outline the reasonable courses of action and the risks and consequences of each. We will ultimately adopt, on the behalf of Glut1 Deficiency Foundation, Inc., the alternative selected by management.

Our fee is based on the time required at standard billing rates plus out-of-pocket expenses. Invoices are due and payable upon presentation. All accounts not paid within thirty (30) days are subject to interest charges to the extent permitted by state law.

We will return the original records to management at the end of this engagement. Store these records, along with all supporting documents, in a secure location. We retain copies of your records and our work papers from your engagement for up to seven years, after which these documents will be destroyed.

If management has not selected to e-file the returns with our office, management will be solely responsible to file the returns with the appropriate taxing authorities. The tax matters representative should review all tax-return documents carefully before signing them. Our engagement to prepare the 2024 tax returns will conclude with the delivery of the completed returns to management, or with e-filed returns, with the tax matters representative's signature and our subsequent submittal of the tax return.

To affirm that this letter correctly summarizes the arrangements for this work, sign the enclosed copy of this letter in the space indicated and return it to us in the envelope provided.

Thank you for the opportunity to be of service. For further assistance with your tax return needs, contact our office at (216)577-8071.

Sincerely,

John M Matras 3/13/2025

John M Matras CPA
John M Matras CPA Incorporated

Accepted By:

Glenna Steele

Officer

3/13/2025

Date



CERTIFIED PUBLIC ACCOUNTANT

March 13, 2025

Glut1 Deficiency Foundation, Inc.
PO Box 737
Owingsville, KY 40360

Glut1 Deficiency Foundation, Inc.:

Enclosed is the 2024 federal return for a tax-exempt organization, prepared for Glut1 Deficiency Foundation, Inc. from the information provided. The return will be e-filed with the IRS once we receive a signed Form 8879-TE, IRS e-file Signature Authorization for an Exempt Organization.

The federal return reflects neither a refund nor a balance due.

Thank you for the opportunity to be of service. For further assistance with the organization's tax return needs, contact our office at (216)577-8071.

Sincerely,

John M Matras

John M Matras CPA
John M Matras CPA Incorporated

eSignature - Certificate of Completion

Document id: **J227D6C6**
Signatures: **5**
Initials: **0**
Requested by: **John Matras (jm@johnmatrascpa.com)**
Requestor IP address: **185.187.243.227**
Time zone: **UTC**
Document pages: **49**

Signers

Signer: **John Matras**
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Signed - **03/13/2025 06:08 AM**

Signature
John M Matras
John M Matras

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Signature
Glenna Steele
Glenna Steele